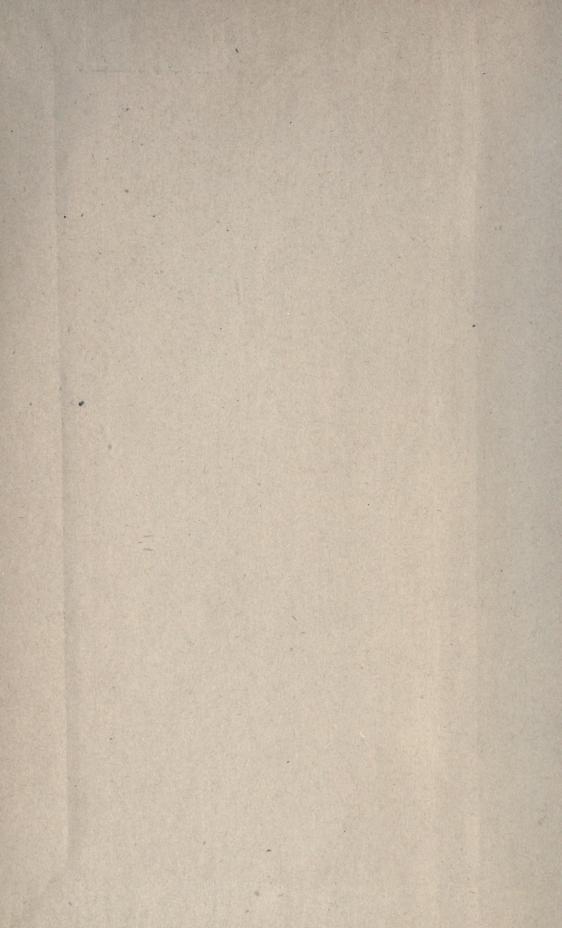
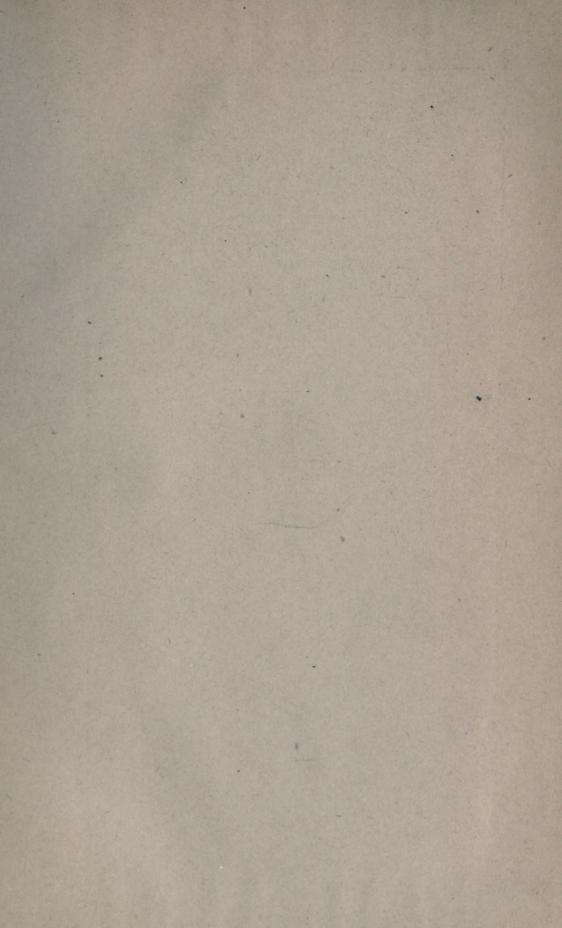
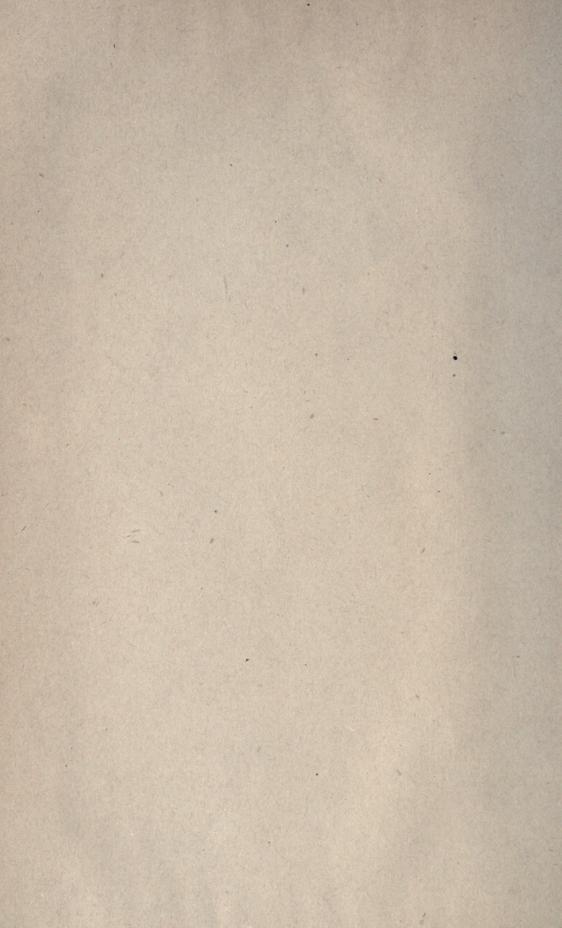
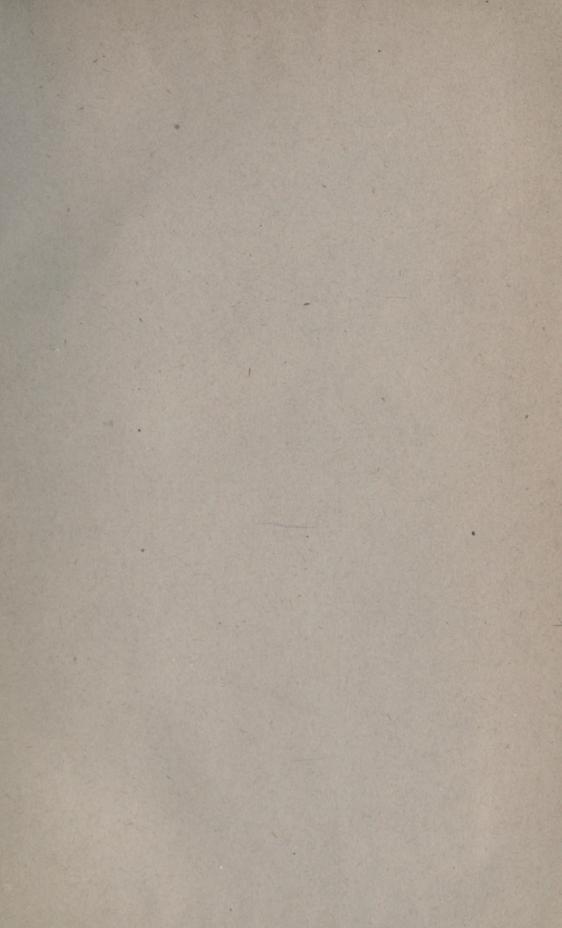
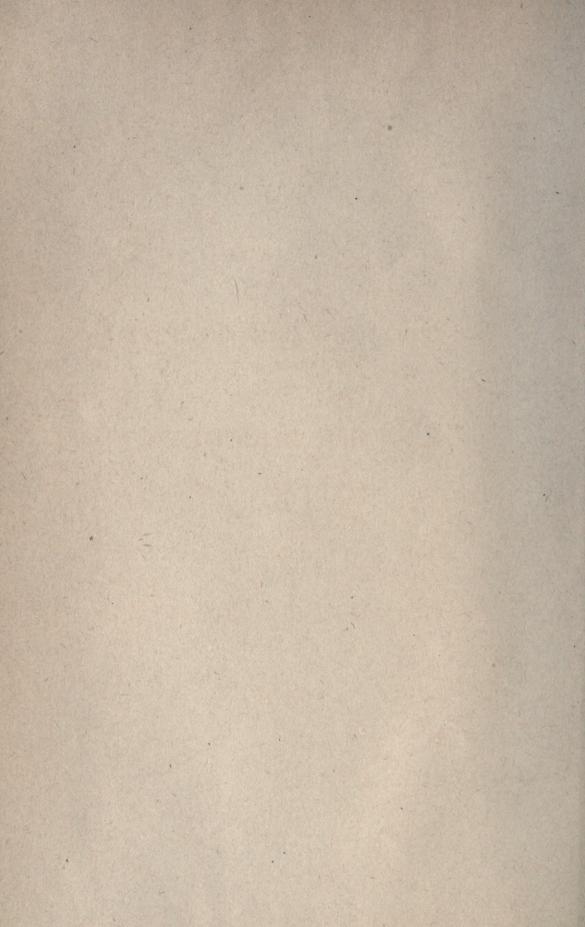
Univ. of Toronto Library

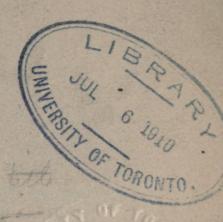










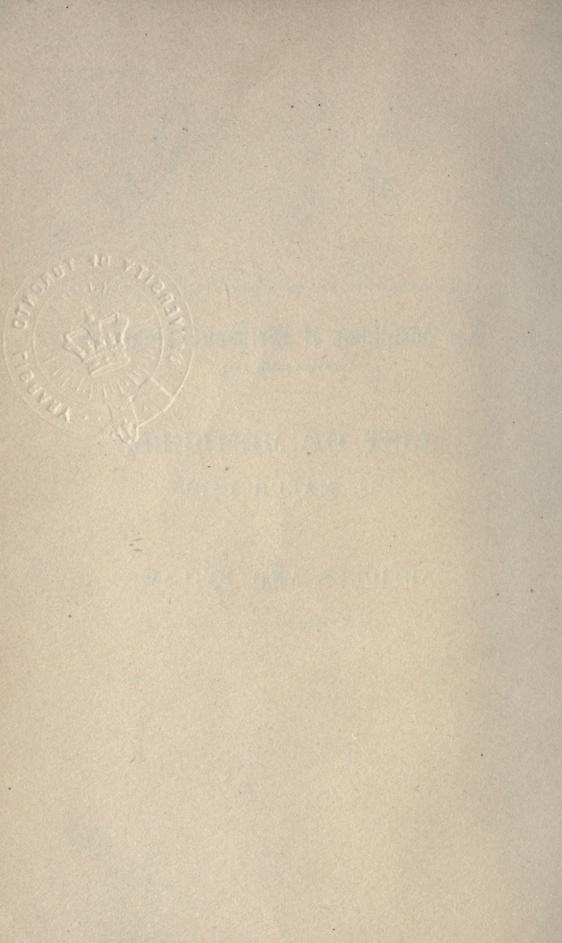


LIST OF MEMBERS.

1st MARCH 1910.

ARTICLES AND BY-LAWS.

100/32/10



ESTABLISHED 1847.

LIST OF MEMBERS, &c.

1st March 1910.

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ARTICLES AND									

PAST-PRESIDENTS.

GEORGE STEPHENSON, 1847-48. (Deceased 1848.)

ROBERT STEPHENSON, F.R.S., 1849-53. (Deceased 1859.)

SIR WILLIAM FAIRBAIRN, BART., LL.D., F.R.S., 1854-55. (Deceased 1874.)

SIR JOSEPH WHITWORTH, BART., D.C.L., LL.D., F.R.S., 1856-57, 1866. (Deceased 1887.)

John Penn, F.R.S., 1858-59, 1867-68. (Deceased 1878.)

JAMES KENNEDY, 1860. (Deceased 1886.)

THE RIGHT HON. LORD ARMSTRONG, C.B., D.C.L., LL.D., F.R.S., 1861-62, 1869. (Deceased 1900.)

ROBERT NAPIER, 1863-65. (Deceased 1876.)

JOHN RAMSBOTTOM, 1870-71. (Deceased 1897.)

SIR WILLIAM SIEMENS, D.C.L., LL.D., F.R.S., 1872-73. (Deceased 1883.)

SIR FREDERICK J. BRAMWELL, BART., D.C.L., LL.D., F.R.S., 1874-75. (Deceased 1903.)
THOMAS HAWKSLEY, F.R.S., 1876-77. (Deceased 1893.)

John Robinson, 1878-79. (Deceased 1902.)

EDWARD A. COWPER, 1880-81. (Deceased 1893.)

PERCY G. B. WESTMACOTT, 1882-83.

SIR LOWTHIAN BELL, BART., LL.D., F.R.S., 1884. (Deceased 1904.)

JEREMIAH HEAD, 1885-86. (Deceased 1899.)

SIR EDWARD H. CARBUTT, BART., 1887-88. (Deceased 1905.)

CHARLES COCHRANE, 1889. (Deceased 1898.)

JOSEPH TOMLINSON, 1890-91. (Deceased 1894.)

SIR WILLIAM ANDERSON, K.C.B., D.C.L., F.R.S., 1892-93. (Deceased 1898.)

SIR ALEXANDER B. W. KENNEDY, LL.D., F.R.S., 1894-95.

E. WINDSOR RICHARDS, 1896-97.

SAMUEL WAITE JOHNSON, 1898.

SIR WILLIAM H. WHITE, K.C.B., LL.D., D.Sc., F.R.S., 1899-1900.

WILLIAM H. MAW, LL.D., 1901-02.

J. HARTLEY WICKSTEED, 1903-04.

EDWARD P. MARTIN, 1905-06.

T. HURRY RICHES, 1907-08.

OFFICERS.

1910.

		 	and a
DD	1110	EN	111
4 4	2 u e		

PRESIDENT.	
JOHN A. F. ASPINALL,	Manchester.
PAST-PRESIDEN	TS.
SAMUEL WAITE JOHNSON,	Nottingham.
SIR ALEXANDER B. W. KENNEDY, LL.D., F.R.S.	
EDWARD P. MARTIN,	
WILLIAM H. MAW, LL.D.,	
E. WINDSOR RICHARDS,	
T. HURRY RICHES,	
PERCY G. B. WESTMACOTT,	Ascot.
SIR WILLIAM H. WHITE, K.C.B., LL.D., D.Sc.,	F.R.S., London,
J. HARTLEY WICKSTEED,	
VICE-PRESIDEN	TS.
HENRY DAVEY,	
EDWARD B. ELLINGTON,	
H. Graham Harris,	
ARTHUR KEEN,	
SIR WILLIAM T. LEWIS, BART., K.C.V.O.,	
A. T. TANNETT-WALKER,	
MEMBERS OF COL	
WILLIAM H. ALLEN,	
ARCHIBALD BARR, D.Sc.,	
SIR J. WOLFE BARRY, K.C.B., LL.D., F.R.S.,	London.
George J. Churchward,	
H. F. DONALDSON, C.B.,	
SIR ROBERT A. HADFIELD, F.R.S.,	
H. S. Hele-Shaw, LL.D., F.R.S.,	
EDWARD HOPKINSON, D.Sc.,	
J. Rossiter Hoyle,	
HENRY A. IVATT,	
HENBY LEA,	
MICHAEL LONGRIDGE,	
ROBERT MATTHEWS,	
THE RIGHT HON. LORD PIRRIE, K.P., P.C., LL	.D., Belfast.
WALTER PITT,	
THOMAS P. REAY,	
MARK H. ROBINSON,	
CAPTAIN H. RIALL SANKEY, R.E., ret.,	
SIR JOHN I. THORNYCROFT, LL.D., F.R.S.,	
PROFESSOR W. CAWTHORNE UNWIN, LL.D., F.R	
WILSON WORSDELL,	
HON. TREASURER.	AUDITOR.
and the second of the second o	

ARTHUR HUSON.

ROBERT A. MCLEAN, F.O.A.

SECRETARY.

EDGAR WORTHINGTON,

The Institution of Mechanical Engineers, Storey's Gate, St. James's Park, Westminster, S.W.

Telegraphic Address: - Mech, London.

Telephone: - Westminster, 264.

TOTALS.

HONORARY	LIFE	MEN	MBERS	•	•	•	٠	7
MEMBERS	•	•						2,454
ASSOCIATE	Мемв	ERS		•				2,283
ASSOCIATES	•				٠			60
GRADUATES				•	٠	•		686
								5,490

ESTABLISHED 1847.

-1101011-

LIST OF MEMBERS,

WITH YEARS OF ELECTION AND TRANSFERENCE.

[Telegraphic Address and Telephone No. appended within brackets.]

1st March 1910.

HONORARY LIFE MEMBERS.

[Hon. M.I. Mech. E.]

Date of Election.

1890.	HIS MOST GRACIOUS MAJESTY K	ING EDWARD THE SEVENTH.
1899.	(H.R.H. GEORGE, PRINCE OF) WALES, K.G., K.T., K.P.,	Marlborough House, S.W.
1033.	&c	maniorouga mouso, o, 111
1878.	The Right Hon. the Earl of, K.T., LL.D., F.R.S.	2 Cavendish Square, W.
1889.	EIFFEL, GUSTAVE	1 Rue Rabelais, Paris.
1883.	KENNEDY, Sir ALEXANDER BLACKIE WILLIAM, LL.D., F.R.S	
1878.	RAYLEIGH, The Right Hon. Lord, P.C., O.M., D.C.L., LL.D., F.R.S.	Terling Place, Witham, Essex.
1896.	UNWIN, Professor WILLIAM CAWTHORNE, LL.D., F.R.S.	,
		n

MEMBERS.

[M.I.Mech.E.]

		(Messrs. Alex. Wright and Co., 81
1896. A.M.)	ABADY, JACQUES	Page St., Westminster, S.W.
1900. M.	ABADY, JACQUES	[Precision, London. Westminster
		(337.]
1890.	ABBOTT, ARTHUR HAROLD	sc/o Messrs. Octavius Steel and Co.,
		Calcutta.
1878.	ABBOTT, THOMAS	Cranbrook.
1902. A.M.)	ABEL, WALTER ROBERT	Scottish Provident Bldgs., Mosley
1906. M.J	,	St., Newcastle-on-Tyne.
1004	ACCURA WITTER CTOLOR	25 Victoria St., Westminster, S.W.
1894.	Accles, William Sloane	[Niliacus, London. Westminster
1898. A.M.)		486.]
1907. M.	ACFIELD, WILFRED COSENS	Signal Supt., Mid. Rly., Derby.
		176 Cheapside, E.C. [Onager, Lon-
1892.	WARD DYKE	don. Bank 5252.
	("ALD DILLE	Messrs. Hulse and Co., Ordsal
		Works, Regent Bridge, Salford,
1897.	ADAMS, EDWIN	Manchester; and Moorfield, Pala-
10011	and the same of th	tine Rd., Withington, Man-
		chester.
40=0		(60 Queen Victoria St., E.C.
1876.	ADAMS, HENRY	[Viburnum, London. Bank 6006.]
1000		(Loco. Carr. & Wagon Supt., North
1902.	Adams, John Henry	Staffs. Rly., Stoke-on-Trent.
		Messrs. Adams and Co., 35 Queen
1881.	ADAMS, WILLIAM JOHN	Victoria St., E.C. [Packing,
		London. Bank 38.]
1900.	Adamson, Charles John	43 Guildford Rd., Greenwich, S.E.
		(Messrs. Joseph Adamson and Co.,
1897.	Adamson, Daniel	Hyde. [Adamson, Hyde. Nat.
		Tel. 13.]
4074		Messrs. Joseph Adamson and Co.,
1871.	Adamson, Joseph	Hyde. [Adamson, Hyde. Nat.
		Tel. 13.]
1889.	ADDY, GEORGE	Waverley Works, Sheffield. [Mill-
1905.	ADDET TOTAL AMERICA	ing, Sheffield. 985.]
1903.	ADEY, JOHN ATKINS	G.C.Rly., Gorton, Manchester.
1300.	ADIE, ALFRED EDMOND	Rajpur Road, Delhi, India. (Messrs. George Adlam & Sons,
1908.	ADLAM, EDWIN GEORGE	Bristol.
		(Engin-Chief and Head of Tech-
4.00#		nical Inspecting Commission,
1887.	AHMED Pasha, Vice-Admiral	Imperial Naval Arsenal, Con-
		stantinople.
1001	(AHRBECKER, HENRY CONRAD	
1891.	VANDEPOEL	Balmain, Sydney, N.S W.

Date	of	Electi	on
and	of ?	Fransfe	er.

1895. A.M. AHRONS, ERNEST LEOPOLD	5 Elm Tree Avenue, West Bridg- ford, Nottingham.
1859. {AIREDALE, The Right Hon.} Lord, P.C	Monk Bridge Iron Works, Leeds.
1902. {AITKEN, CHARLES HENRY WILLIAM	Suptg. Eng., El Varadero de Manila, Ĉañacao, Manila, Philippine Islands.
1900. AITKEN, HUGH WALLACE	147 Bath St., Glasgow. [Sugar-cane, Glasgow.]
1900. AITON, JOHN ARTHUR	Messrs. Aiton & Co., Derby. [Chan- neled, Derby. 525 Derby.]
1909. {AKROYD-STUART, CHARLES HENRY	Messrs. Saunders and Stuart, Mel- bourne Rd., Perth, Western Australia.
1901. AKROYD-STUART, HERBERT	Akroyd Buildings, Melbourne Rd., Perth, W. Australia.
1893. G. 1900. A.M. 1908. M. ALDERSON, CHARLES ALBERT HESELTON	Messrs. Allen, Alderson & Co., Gracechurch St., Alexandria, Egypt; and Norland House, Ramleh, Egypt.
1890. G. 1896. A.M. 1908. M. ALDERSON, GEORGE ALEX- 1908. M.	Messrs. Allen, Alderson & Co., Alexandria, Egypt; and The Cloisters, Bulkeley, Ramleh, Egypt. Messrs. Allen, Alderson and Co.,
1885. Alderson, George Beeton	Alexandria, Egypt; and Norland House, Ramleh, Egypt.
1875. ALLAN, GEORGE	156 Northbourne St., Elswick Rd., Newcastle-on-Tyne.
1885. G. ALLCARD, HARRY	Messrs. Easterbrook, Allcard and Co., 9-11 Fenchurch Avenue, E.C.
1874. G.) ALLEN, FRANCIS	Messrs. Allen, Alderson and Co., Gracechurch St., Alexandria, Egypt.
1902. A.M. ALLEN, HABOLD GWYNNE	Queen's Engineering Works, Bedford.
1891. ALLEN, MARCUS	Manchester Chbrs., 46 Market St., Manchester. [Regulus, Man- chester. 5 Central.]
1881. ALLEN, PERCY RUSKIN	Castner-Kellner Alkali Co., Weston Point, Runcorn; and Ferncliffe, Higher Runcorn, Cheshire.
1900. ALLEN, RICHARD WILLIAM	Queen's Engineering Works, Bedford. [Pump, Bedford.]
1885. (ALLEN, WILLIAM HENRY (Member of Council)	Queen's Engineering Works, Bedford. [Pump, Bedford.]
1882. ALLEN, WILLIAM MILWARD	297 Upper Brook St., Victoria Park, Manchester.
1899. ALLEY, STEPHEN EVANS	Sentinel Works, Polmadie Rd., Glasgow; and 5 Huntly Gdns., Kelvinside, Glasgow. [Alley, Glasgow. Royal 673.]
1865. (ALLEYNE, Sir JOHN GAY) NEWTON, Bart	Chevin, Belper.
1872. Alliott, James Bingham	Bloomsgrove Works, Ilkeston Rd., Nottingham. [Manloves, Not- tingham.]
1907. ALLISON, OSWALD	Beldon's Chambers, Market Sq., Port Elizabeth, Cape Colony.

and of Transfer.		
1871.	ALLPORT, HOWARD ASTON	Dodworth Grove, Barnsley.
1884.	ALMOND, HARRY JOHN	Genl. Manager, La Guaira and
1007.	Almond, Hanni John	Caracas Rly., Caracas, Venezuela.
1894. A.M.)	AMBLER, FRANK	Genl. Manager, Brazil G.S. Rly.,
1900. M.)	AMBLER, PRANK	Uruguayana, Brazil. Vid Monte Video.
1902. A.M.	1 - T	Loco. Supt., Nitrate Rlys. Co.,
1905. M.	AMBLER, RATCLIFF VINCENT	Iquique, Chile.
Í		Managing Director, Ames Crosta
1004	A D	Sanitary Engineering Co., 7 Vic-
1904.	AMES, RICHARD	toria St., Westminster, S.W. [Amesnador, London. 377 West-
		minster.]
1009	Aron Withman	Manager, Ammunition Factory,
1903.	AMOR, WALTER	Kirkee, India.
1885. G.)	Assoc Francisco	3 Laurence Pountney Hill, Cannon
1891. M.)	Amos, Ewart Charles	St., E.C. [Drilling, London. Bank 5438.]
1880. G.)	A	Lesney, Warwick Rd., Solihull,
1892. M.	ANDERSON, EDWARD WILLIAM	Birmingham.
,		Chief Eng., Swanscombe Works,
1902.	ANDERSON, HARRY	Swanscombe, Greenhithe, S.O.,
		Kent. (S.W. Laboratory, 43 St. James' Rd.,
1890.	Anderson, Herbert William	Kingston-on-Thames.
1005	Anderson, John	Canterbury Foundry, Christchurch,
1905.		N.Z.
1901.	ANDERSON, JOHN REID	13 Charles Street, St. James's, S.W.
1892.	Anderson, John Wemyss	The University, Liverpool. (Signal Engineer, Engineer's Dept.,
1902.	ANDERSON, PERCY	Cape Govt. Railways, Salt River,
	,	Cape Colony.
4004		Messrs. Head Wrightson and Co.,
1891.	ANDERSON, WILLIAM	Teesdale Iron Works, Stockton-
	(Andrew, Eng. Lieut. George)	on-Tees.
1899.	EDWARD, R.N	8 Leigham St., The Hoe, Plymouth.
1908.	JANDREWS, GEORGE SAMUEL	Town Engineer, Municipal Offices,
1.000.	BURT	Johannesburg, Transvaal.
1902.	Andrews, Thomas	Messrs. Harland and Wolff, Belfast; and Dunallan, Windsor Avenue,
1002.	TRUMENS, THOMAS	Belfast.
		Manager, Royal Gun and Carriage
1903.	Angas, Alfred Spelman	Factories, Woolwich; and The
		Nyth, Blackheath Park, S.E.
1885.	Anson, Frederick Henry	72 St. George's Square, S.W. [3085] Victoria.]
	(Average Eng Tiont Harry	Manager, Messrs. Richard Hornsby
1905.	ANSTEY, Eng. Lieut. HENRY CHARLES, R.N	and Sons, Spittlegate Iron Works,
	(CHARLES, IV.N	Grantham.
1906.	Anthony, Charles, Jun	Casilla de Correo 149, Bahia Blanca
		F.C.S., Buenos Aires, Arg. Rep. (Inspector of Machinery, Imperial
1899.	APPLEBY, GEORGE WILLIAM	Maritime Customs, Shanghai,
1000		China.
1883. G.) 1892. M.	APPLEBY, PERCY VAVASSEUR	Hillcroft, Red Hill.
1892. M. J 1874.	ARAMBURU Y SILVA, FERNANDO	San Marcos 26 tripo., Madrid.
20121	Total I Starta, I Editable	Dail aration so strp .) aradia

-		(Sir W. G. Armstrong, Whitworth
1903.	ARKWRIGHT, BERNARD GEORGE	& Co., Elswick Works, Newcastle- on-Tyne.
1882.	ARMER, JAMES	303 Brownhill Road, Catford, S.E.
1902.	ARMES, BENJAMIN STEPHEN	78 Shirley Street, Canning Town, E.
1902. A.M.) 1905. M.)	Armistead, Thomas Webster	Messrs. D. Rollo & Sons, Fulton Engine Works, Liverpool. Queen Insurance Bldgs., 13 Castle
1894.	ARMOUR, JAMES GLENCAIRN	St., Liverpool. [Area, Liverpool. 2413.]
1876.	ARMSTRONG, WILLIAM	Elmfield Lodge, Gosforth, New- castle-on-Tyne.
1870.	ARMSTRONG, WILLIAM IRVING	17 North Bridge St., Sunderland.
1897. A.M.) 1900. M.)	ARNOLD, WILLIAM	17 Park Road, Harlesden, N.W.
1902.	ARNOT, ARTHUR JAMES	Babcock and Wilcox Co., 427 and 429 Sussex Street, Sydney, N.S.W.
1894.	ARNOT, WILLIAM	[163 Hope St., Glasgow. [Induction, Glasgow. 688 Argyle.]
1887.	ARROL, Sir WILLIAM, LL.D.	Dalmarnock Iron Works, Glasgow.
1887.	ARTEAGA, ALBERTO DE	Juncal 1367, Buenos Aires, Arg. Rep.
		Newark Boiler Works, Newark; and
1902.	ASBURY, GEORGE ELIAS	11 The Park, Newark. [Asbury, Newark.]
1901.	ASH, ALFRED ELLIS	Vauxhall House, Luton. (17 St. Ann's Sq., Manchester; and
1873.	ASHBURY, THOMAS (Life Member)	Ash Grove, Victoria Park, Long- sight, Manchester. [Aluminium, Manchester.]
1888.	Ashby, George	Messrs. N. Wadia & Sons, Cumballa Hill, Bombay. [Central Technical College, Exhi-
1895.	ASHCROFT, ANDREW GEORGE	bition Rd., S.W.; and 95 Twy- ford Avenue, Acton, W.
1889. G. 1896. A.M. 1901. M.	Ashford, John	Central Workshops, Amritsar, Punjaub, India.
1903.	Ashley, Herbert	Engineer, Water Works Co., Com- mercial Rd., Portsmouth.
1902.	ASHTON, HAROLD THOMAS, D.Sc	Whitmores, Beckenham.
1891.	Ashworth, Henry	Brynderwen, Bwlch, R.S.O., Breconshire.
1907.	Ashworth, John Dawson	Eng. and Genl. Manager, Portsea Island Gas Light Co., Flathouse, Portsmouth.
1881.	ASPINALL, JOHN AUDLEY FREDERICK (President)	Genl. Manager, L. and Y.Ry., Hunt's Bank, Manchester; and Gledhill, Mossley Hill Drive, Liverpool.
1902.	ASTBURY, ALBERT JAMES	The Cottage, Barnt Green, near Birmingham.
1890.	ASTON, JOHN W	Messrs. Belliss and Morcom, Ledsam St., Birmingham.
1899.	ATHERTON, THOMAS	Dallam Forge, Warrington; and Folly Lane, Warrington.

1901. A.M.) 1905. M.) 1889. 1896. A.M.) 1904. M.)	ATHERTON, WILLIAM HENRY ATKINSON, ALEXANDER ATKINSON, FREDERIC ATKINSON, FREDERICK ARTHUR	The Plantation, 101 Whitaker Rd., Derby. Lahore, Punjaub, India. Albert Bldgs., 49 Queen Victoria St., E.C. [Fixed, London.] Abbotsford, Hawke Rd., Upper Norwood, S.E.
1898. A.M.) 1904. M.	ATKINSON, HENRY	78 Queen Victoria Street, E.C.
1892.	ATKINSON, JAMES	Glenburn, Mellor, Stockport.
1897. A.M.) 1902. M.)	ATKINSON, ROBERT ERNEST	Messrs. Ashwell and Nesbit, Great Central St., Leicester; and Mor- land Avenue, Knighton, Leicester. [Plenum, Leicester. 190.]
1903.	ATTACK, EDWARD ARTHUR	Messrs. L. Lumley and Co., 1 America Square, E.C.
1898.	ATTWOOD, JABEZ	[Foster St., Stourbridge; and Hagley Rd., Stourbridge. [Attwoods, Stourbridge.]
1903.	AULD, JAMES PATON	Director of Public Works, Belize, British Honduras.
1892.	Ault, Edwin	47 Victoria Street, Westminster, S.W.
1905.	Austin, Edmund George	c/o Messrs. Grindlay and Co., Calcutta.
1892.	Austin, James Meredith	Genl. Manager, British Engineering Co. of Egypt, 10 Sharia Zervudachi, Cairo, Egypt.
1894. A.M.) 1898. M.)	AVELINE, WILLIAM REBOTIER	Asiatic Petroleum Co., 24 and 28 St. Mary Axe, E.C.
1882.	AVELING, THOMAS LAKE	Messrs. Aveling and Porter, Rochester. [Aveling, Rochester.]
1899.	AWDRY, WALTER LLEWELLYN	33 Union St., Birmingham. [1806.]

		Devon and Cornwall Ice and Cold
1900. M.	PRIÈRE	Storage Co., Plymouth.
1000	Disas Tonom Person	Executive Eng., P. W. D., India:
1909.	BADER, FREDERICK ROBERT	c/o Messrs. Henry S. King & Co., 65 Cornhill, E.C.
1905.	BAGNALL-WILD, Capt. RALPH KIRKBY, R.E.	221 Tottenham Court Rd., W.
	(,	(Manager, Motor Dept., Birmingham
1899.	BAGULEY, ERNEST EDWIN	Small Arms Co., Sparkbrook,
		Birmingham.
		Albion Works, Salford, Manchester
1885.	BAILEY, Sir WILLIAM HENRY	[Beacon, Salford.]; and Sale
1000	717 0	Hall, Cheshire.
1899.	BAILEY, WILLIAM SEYBOURNE	Hotel Mansions, Hong Kong, China.
1901.	Bailie, John David	(23 Park Row, Leeds. [Turbo, Leeds.
		[1194.]

1890. BAIN, GEORGE, Bey {Carr. and Wagon Supt., Mid. Derby.} 1880. BAIN, GEORGE, Bey {Egyptian Govt. Rlys., Carr. and Wagon Wks. Man Egyptian Govt. Rlys., Carr. and Wagon Supt., Man Egyptian Govt. Rlys., Callingwood, 7 Aytoun Pollokshields, Glasgow. [Galasgow.] 1869. G. BAINBRIDGE, EMERSON 47 Upper Grosvenor St., W. 1902. BAIRD, DAVID GEORGE {Talbot Engineering Works, Telace, Dublin. [995.] {Viv. Loco. Supt., N.E. Rly West St., Gateshead. H.M.S. "Zulu," care of Mest St., Gateshead. H.M.S. "Zulu," care of Mest St., W. Hawthorn Leslie & Newcastle-on-Tyne. {Messrs. Joseph Baker & Messrs. Jo	
1890. BAIN, GEORGE, Bey Egyptian Govt. Rlys., C Egypt. 1880. BAIN, WILLIAM NEISH Elypt. 1869. G. BAINBRIDGE, EMERSON 47 Upper Grosvenor St., W. 1902. BAIRD, DAVID GEORGE Talbot Engineering Works, T. Place, Dublin. [995.] 1898. BAISTER, CHARLES ERNEST FOLLIOTT, R.N W. 1902. BAKER, Eng. Lieut. ERNEST FOLLIOTT, R.N W. Hawthorn Leslie & Newcastle-on-Tyne. [Messrs. Joseph Baker & Messrs. Joseph Baker & Messrs. Joseph Baker & Messrs. Joseph Baker & Messrs. Messrs. Messrs. Messrs. Messrs. Joseph Baker & Messrs. Josep	
Collingwood, 7 Aytoun Pollokshields, Glasgow. [Giasgow.] 1869. G. M. BAINBRIDGE, EMERSON 47 Upper Grosvenor St., W. 1902. BAIRD, DAVID GEORGE [Talbot Engineering Works, The Place, Dublin. [995.]] 1898. BAISTER, CHARLES [Divl. Loco. Supt., N.E. Rly West St., Gateshead.] 1902. [BAKER, Eng. Lieut. ERNEST FOLLIOTT, R.N	airo,
1890. M.) BAINBRIDGE, EMERSON 47 Opper Grosvenor St., W. 1902. BAIRD, DAVID GEORGE {Talbot Engineering Works, T. Place, Dublin. [995.]} 1898. BAISTER, CHARLES {Divl. Loco. Supt., N.E. Rly West St., Gateshead.} 1902. {BAKER, Eng. Lieut. ERNEST FOLLIOTT, R.N	Rd.,
1902. BAIRD, DAVID GEORGE ' Place, Dublin. [995.] 1898. BAISTER, CHARLES ' Place, Dublin. [995.] Divl. Loco. Supt., N.E. Rly West St., Gateshead. H.M.S. "Zulu," care of Messer & Newcastle-on-Tyne. Messers. Joseph Baker &	
West St., Gateshead. 1902. BAKER, Eng. Lieut. ERNEST FOLLIOTT, R.N	albot
1902. { FOLLIOTT, R.N	
	c Co.,
	N.W. sden.]
1904. BAKER, JOSEPH ALLEN, M.P. Willesden Junction, [Bakers, London. 3 H	N.W. arles-
1894. BALDWIN, ARTHUR HUGH (Messrs. Kendall & Gent, Vid Works, Belle Vue, Manche [Tools, Manchester. 5147.]	ester.
1901. A.M. BALE, JOHN HENRY FOOKS (32 Caddington Road, Cricklet N.W.	wood,
1877. BALE, MANFRED POWIS 21 Marlborough Rd., Chiswich 1897. BALKWILL, ALFRED JOHN Ouseburn, Brayton Rd., Selby (BALL, Eng. Commander RALPH (H.M.S. "Lord Nelson," c/o	
1908. HILL CODRINGTON, R.N master General, E.C.	
1897. A.M. BAMBER, HEBBERT WILLIAM 25 Ryder St., St. James's, S.V.	
1898. Bamford, Robert George {c/o Mercantile Bank of India No. 11, Madras.	
1887. BAMLETT, ADAM CARLISLE {Agricultural Engineering W	
1898. BANCROFT, FRANCIS JAMES {Barnet District Gas and Water New Barnet.	
1901. BANISTER, ALAN NEVILLE {British Motor Cab Co., 72 Vi St., Westminster, S.W.	
Furness.	w-in-
1901. BARBER, JOHN WATKINS (S.E. & C. Rly., Longhedge W. Battersea Park, S.W.	Vorks,
1898. A.M. 1902. M. BARBER, THOMAS WALTER Grosvenor Mansions, 82 Vi St., Westminster, S.W. (Genl. Manager, Messrs. Gi	
1903. BARCLAY, ANDREW WALKER. Hogg, Victoria Engine V	Vorks,
1898. G. 1898. A.M. 1896. M. BARKER, ERIC GORDON Loco. Supt., Sierra Leone Rly., P.O. Box 96, Free Sierra Leone.	
1899. BARKER, GERALD 1 Victoria St., Westminster, S	town,

1896.	Barker, Matthew Wilson	Glyncoed, Laurie Park Rd., Syden- ham, S.E.
1899. A.M. 1903. M.		Genl. Manager, Messrs. Ashmore, Benson, Pease & Co., Stockton- on-Tees.
1885. 1899.	BARKER, T. BIRKETT BARLEY, CLEMENT JOHNSON	Lapworth Croft, Warwickshire. Point House, Blackheath, S.E.
1900.	BARMAN, HARRY DRUMMOND DAWSON	Airdrie Iron Works, Airdrie. [Iron, Airdrie. 6.]
1904.	Barnes, Charles	42 Leslie St., Pollokshields, Glasgow.
1891.	Barnes, John Edward Lloyd	34 Castle St., Liverpool. [Technical, Liverpool. 6080.]
1887.	BARNINGHAM, JAMES	(41 Victoria Bldgs., Victoria St., Manchester.
1884.	BARR, Professor ARCHIBALD, D.Sc. (Member of Council)	
1907.	BARRACLOUGH, Prof. SAMUEL HENRY	Russell School of Engineering, The University, Sydney, N.S.W.
1887.	BARRINGER, HERBERT	78 Gracechurch St., E.C.
1862.	BARROW, JOSEPH	Disley Mount, Carew Rd., North-
1901. A.M.	BARROW LOUIS	wood, S.O., Middlesex. Messrs. Cadbury Brothers, Bourn-
1904. M.	(BARRY, Sir John Wolfe,	ville, Birmingham. (Dartmouth House, 2 Queen Anne's
1871.	K.C.B., LL.D., F.R.S. (Member of Council)	Gate, Westminster, S.W. [Consilium, London. Westminster 248.]
1883.	BARTLETT, JAMES HERBERT	Middlesbrough, Kentucky, United States.
1000 4 3/5		(~~~~~~
1900. A.M. 1904. M.	S PARTY ATTEXANDER DOUGLAS	19 Argyle Square, W.C.
1900. A.M. 1904. M. 1899.	S PARTY ATTEXANDER DOUGLAS	Broomfield, Broom Lane, Rother-
1904. M.	BASHFORTH, ANDREW (BATE, Colonel CHARLES	Broomfield, Broom Lane, Rother- ham. Freelands, Kingwood Common,
1904. M., 1899.	Bashforth, Andrew	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W.
1904. M., 1899. 1887. 1896.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse &
1904. M., 1899.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES HERRERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Man-
1904. M., 1899. 1887. 1896. 1903. A.M., 1906. M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester.
1904. M., 1899. 1887. 1896.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES HERRERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow.
1904. M., 1899. 1887. 1896. 1903. A.M., 1906. M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. Copland Works, Govan, Glasgow.
1904. M., 1899. 1887. 1896. 1903. A.M., 1906. M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan;
1904. M. 1899. 1887. 1896. 1903. A.M. 1906. M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.]
1904. M. 1899. 1887. 1896. 1903. A.M. 1906. M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol
1904. M. 1899. 1887. 1896. 1903. A.M. 1906. M.	BARTY, ALEXANDER DOUGLAS BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT BAXTER, GEORGE HANDYSIDE BAXTER, PETER MACLEOD	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N. Belmont, Northfield, Birmingham.
1904. M. 1899. 1887. 1896. 1903. A.M. 1904. 1892.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT BAXTER, GEORGE HANDYSIDE BAXTER, PETER MACLEOD BAYLEY, GEORGE RIDLEY	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N. Belmont, Northfield, Birmingham. The Grove, Currier Lane, Ashton-
1904. M., 1899. 1887. 1896. 1903. A.M., 1906. M. 1904. 1892.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATER, GEORGE HANDYSIDE BAXTER, PETER MACLEOD BAYLEY, GEORGE RIDLEY BAYLISS, THOMAS RICHARD	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N. Belmont, Northfield, Birmingham. The Grove, Currier Lane, Ashtonunder-Lyne. 82 Victoria St., Westminster, S.W.
1904. M. 1899. 1887. 1896. 1903. A.M. 1904. 1892. 1899. 1872. 1903.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT BAXTER, GEORGE HANDYSIDE BAXTER, PETER MACLEOD BAYLEY, GEORGE RIDLEY BAYLISS, THOMAS RICHARD BAYLISS, WILLIAM BEALE, BERTRAM ROBERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. Copland Works, Govan, Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N. Belmont, Northfield, Birmingham. The Grove, Currier Lane, Ashtonunder-Lyne. 82 Victoria St., Westminster, S.W. [Messrs. Babcock & Wilcox, Wheeler's Bldg., Hornby Rd., Fort, Bombay.
1904. M. 1899. 1887. 1896. 1903. A.M. 1906. M. 1904. 1892. 1899. 1872. 1903. 1899. 1901. A.M.	BASHFORTH, ANDREW BATE, Colonel CHARLES McGuire, R.E., ret BATEMAN, JAMES THOMAS BATES, HERBERT BAXTER, GEORGE HANDYSIDE BAXTER, PETER MACLEOD BAYLEY, GEORGE RIDLEY BAYLISS, THOMAS RICHARD BAYLISS, WILLIAM BEALE, BERTRAM ROBERT	Broomfield, Broom Lane, Rotherham. Freelands, Kingwood Common, Henley-on-Thames. 34 BridgeAvenue, Hammersmith, W. Works Manager, Messrs. Hulse & Co., Ordsal Works, Regent Bridge, Salford, Manchester; and 25 Eccles Old Rd., Pendleton, Manchester. Clyde Navigation Trust, 16 Robertson St., Glasgow. Copland Works, Govan, Glasgow. [Calidad, Glasgow. Nat. 36 Govan; Corpn. 87 Govan; Private 628 Hillhead.] Res. Eng. and Manager, Liverpool Hydraulic Power Co., 123 Athol St., Liverpool, N. Belmont, Northfield, Birmingham. The Grove, Currier Lane, Ashtonunder-Lyne. 82 Victoria St., Westminster, S.W. (Messrs. Babcock & Wilcox, Wheeler's

Date	of	Election
and	of '	Transfer.

_		(Messrs. Beard, Huddart & Co., Vic-
1895.	BEARD, BERNARD	toria Buildings, Stockton-on- Tees.
1987.	BEARDMORE, WILLIAM	Parkhead Forge and Steel Works, Glasgow.
1893.	BEARE, Professor THOMAS HUDSON, F.R.S.E	The University, Edinburgh.
1891.	BEATTY, HAZLITT MICHAEL, C.M.G	Chief Loco. Supt., Govt. Rlys., Cape Town; and Rosclare Camp Ground, Rondebosch, Cape Town, Cape Colony.
1899.	BEAUMONT, Professor ROBERTS, M.Sc	The University, Leeds.
1880.	BEAUMONT, WILLIAM WORBY	Outer Temple, 222 Strand, W.C. [Vibromotor, London, Gerrard 4160.]
1902. A.M. 1910. M.	BEAVER, JOHN ROBERT	Post Box 1198, Valparaiso, Chile.
1908.	BECHER, ROBERT ARNOLDS	Madras and S. Mahratta and W. of India Portuguese Rlys., Mormugáo, Goa, India.
1905.	BECK, ARTHUR EDWARD	The High House, King's Norton, Birmingham.
1859. 1873.	BECK, EDWARD (Life Member) BECK, WILLIAM HENRY	Heddon House, Isleworth. 115 Cannon St., E.C.
1882.	BEDSON, JOSEPH PHILLIPS	137 Lapwing Lane, Didsbury, Man- chester.
1900. A.M. 1904. M.	BEGBIE, SYDNEY DAWSON	Aster Engineering Co., Wembley, S.O., Middlesex.
1903,	BEGBIE, THOMAS, Sen	P.O. Box 192, Middelburg, Trans- vaal.
1901.	BEHR, HANS CHARLES	Consol, Gold Fields of S. Africa, P.O. Box 1167, Johannesburg, Transvaal.
1888.	Beldam, Asplan	93-94 Gracechurch St., E.C.; and Elmwood Manor, Baldock, Herts.
1908.	Béliard, Henri Jean Pierre	Messrs. Béliard, Crighton & Co., Antwerp, Belgium.
1902.	BELL, ARTHUR MORTON	Carr. and Wagon Supt., G.I.P.Rly., Bombay.
1900. A.M.) 1908. M.)	Bell, Charles Sever	26 Suffolk Street, Pall Mall, S.W.
1897.	BELL, Major CHARLES THORN-HILL, R.A	Supt., Gun and Shell Factory, Cossipore, India.
1901. A.M.) 1906. M.)	BELL, JAMES ALEXANDER	Electrical and Tramway Eng., Corpn. Electricity Works, Mill- burn St., Aberdeen.
1907.	Bell, John Ferguson	Engineer, Derby Gas Light and Coke Co., Friar Gate, Derby.
1897.	BELLAMY, ALFRED ROWE	Messrs. Richard Hornsby and Sons, Grantham.
1903.	BELLAMY, CHARLES VINCENT	Lagos, West Africa. (Messrs. Belliss & Morcom, Ledsam
1897.	Belliss, John	St., Birmingham [Belliss, Birmingham.]; and 10 Lyttelton Rd., Edgbaston, Birmingham.
1878.	BELSHAM, MAURICE	52 Queen Victoria Street, E.C.

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1895.	Benn, Sykes	Messrs. S. S. Stott & Co., Haslingden, Manchester. [Elevator, Haslingden. 103.]
1902.	BENNETT, ARTHUR EDWARD	Atlas Works, Coventry; and Redlands, Toller Rd., Leicester. [Profile, Coventry. 221.]
1900.	Bennie, Peter	Agencia de Tharsis, Huelva, Spain. Union Works, Leicester; and
1895.	Bennion, Charles	Thurnby Grange, Thurnby, Leicester, [Prominent, Leicester. 103.]
1895. A.M.) 1899. M.	BENNIS, ALFRED WILLIAM	Westcliffe, Half Edge Lane, Eccles.
1907.	Benson, William Haigh	Staveley Coal and Iron Co., Chester- field.
1907.	BENTLEY, HARRY	Manager, Lowca Engineering Co., Whitehaven.
1896. A.)	_	Royal Insurance Bldgs., Crossley
1897. A.M. 1900. M.	BENTLEY, WALLACE	St., Halifax; and Hyde Park, Halifax.
1903.	BENTON, WALFORD JOHN	1 Chestnut Avenue, Hyde Park, Leeds.
1895.	BERCHEM, ALPHONSE HENRY EMANUEL	Worthington Pump Co., 153 Queen Victoria St., E.C.
	BERRINGTON, ERNEST EVANS)	
1905. M.) 1893.	WILLOUGHBY S BERRY, HENRY	Croydon Works, Leeds.
1893.	Berry, John Ferrier	10 Miller St., South End, Port Elizabeth, Cape Colony.
1897.	BERTHIEZ, CHARLES	2 Villenstrasse, Neudorf, Strass- burg, Alsace, Germany.
1891.	BEST, FRANCIS EDWARD	Sion Cottage, Riverside, Twicken- ham,
1899.	BESWICK, FREDERICK ARROW-	M. S. U. Assocn., 9 Mount St., Manchester.
1893.	BETTS, SAMUEL	Loco. Supt., Oxelösund-Fleu- Westmanlands Railway, Eskil- stuna, Sweden.
1899. A.M.) 1901. M.)	S BURNEN ATTEMPTED NUCLEARING	Messrs. Harrington Morrison and Co., Iquique, Chile.
1903.	BICKERTON, HENRY NIELD	Managing Director, National Gas Engine Co., Ashton-under-Lyne.
1885.	BICKNELL, ARTHUR CHANNING	Messrs. Convis & Co., 35 Blooms- bury Square, W.C.
1898. 1899.	BILBIE, JOHN BILES, Prof. JOHN HARVARD	106 Queen Victoria Street, E.C. The University, Glasgow.
1897.	BILLETOP, TORBEN CHRISTIAN	Messrs. Henry Watson and Son, High Bridge Works, Newcastle- on-Tyne.
1909.	BILLINGTON, JOHN ROBERT	Gas Manager, Lancs. and Yorks. Rly., Horwich, Lancs.
1904. A.M. 1909. M.) DING HERRERT	Consolidated Pneumatic Tool Co., Fraserburgh.
1887.	BINNIE, Sir ALEXANDER	(St. Stephen's House, Victoria Em-
1903. A.M.		bankment, Westminster, S.W. Corpn. Tramways, Mill Lane,
1906. M.	and the state of t	Reading.

1891.	BIRD, GEORGE	Messrs. James Bartle and Co., Western Iron Works, Notting Hill, W.
1880. G.) 1894. M.)	BIRKETT, HERBERT	Bank Chbrs., 197 Edgware Rd., W. [Frigerabat, London.]
1908.	BISHOP, WILLIAM GEORGE	Dist. Loco. Supt., Cape Govt. Rlys., De Aar, Cape Colony.
1903.	Björnstad, Jörgen	Messrs. Easton and Anderson, 20 Tothill St., Westminster, S.W.
1896.	BLACK, PETER BLAIR	[185 Palmerston Bldgs., Old Broad St., E.C. [Blackness, London.]
1891.	BLACKBURN, GEORGE WILLIAM	Messrs. T. Green and Son, Smith- field Iron Works, Leeds.
1890.	BLACKBURN, JOHN	Resident Eng., Colne Valley Water Works, Bushey, Watford.
1904.	BLACKITH, FREDERICK	Victoria Chbrs., Bowlalley Lane, Hull.
1907.	BLACKMAN, ALFRED SUTHER-	Boro' Electrical Eng., Town Hall, Sunderland. (Managing Director, Rutland Engi-
1898.	BLACKSTONE, EDWARD CHRISTOPHER	neering Works, Stamford. [Black-stones, Stamford.]
	BLAGDEN, HENRY ROBERT	Manager, Alexandria Water Co.,
	CECIL	Alexandria, Egypt. (Messrs. Richardson & Blair, 11
1908.	BLAIR, DAVID KER	Grey St., Wellington, New Zealand.
1901.	BLAKE, MATTHEW	Victoria Works, Greenock. [Filter, Greenock. 130.]
1907.	BLAKEY, CHARLES	Managing Director, Messrs. M. Helfferich-Sadet, Charkow, South Russia.
1905.	BLAKEY, ROBERT COPE	Messrs. Clayton and Shuttleworth, III/2 Löwengasse 34, Vienna, Austria.
1901.	Bland, Frederick	Manager, Yorks. Steel and Engineering Works, Sheffield; and 6 Kenbourne Rd., Sheffield.
1906.	Bland, John Parkinson	Chief Eng., "The Times," 2 Printing House Square, E.C.
1898.	BLANE, WILLIAM	Constitutional Club, Northumber- land Avenue, W.C.
1895. A.M.) 1899. M.)	BLAXTER, AUGUSTUS PEARCE, Jun	Messrs. Barnett and Foster, Niagara Works, Eagle Wharf Rd., New North Rd., N.
1892.	Blechynden, John	Brougham St., Nelson, New Zealand.
1867.	Bleckly, John James	Bewsey Iron Works, Warrington; and Daresbury Lodge, Altrincham.
1899.	BLENKINSOP, JOHN NICHOLAS	Marine Supt. Eng., G. E. Rly., Parkeston Quay, Harwich.
1882. G.) 1885. M.)	BLUNDSTONE, SAMUEL RICH-	8 Ludgate Circus Buildings, E.C.
1902.	BOAK, WILLIAM	Messrs. Delmege, Forsyth and Co., Colombo, Ceylon.
1902.	Boardman, James	(c/o Baron L. Knoop, Machinery Dept., Moscow, Russia.

Date of Election

	Transfer.	
1884.	G.) Pagarra Happy Craupe	
1894.	M. BOCQUET, HARRY CLAUDE	4 Kimbolton Avenue, Bedford.
1902.	Bollinckx, Arthur	[117 Chaussée de Mons, Brussels, Belgium. [Bollinckx, Vapeur, Bruxelles.]
1895.	Bond, George Creswell	Mann's Chambers, Nottingham. [Bonds, Nottingham. 441.]
1884.	Bone, William Lockhart	Works of the Ant and Bee, West Gorton, Manchester.
1902.	BONELL, THOMAS HENRY MAHADOO	Loco. Carr. and Wagon Supt., Government Rlys., Lagos, W. Africa.
1901. 1904.	A.M.) BONNIWELL, PERCIVAL OR-	Chief Eng., United Legal Indemnity Insurance Society, 222-225 Strand, W.C.
1906.	Bonvillain, Philibert	9 and 11 Rue des Envierges, Paris XX°, France.
1895.	BOORMAN, JOSEPH ASHWORTH	The Knoll, Sherburn-in-Elmet, South Milford, Yorks.
1890.	BOOTH, ROBERT	[Crocus, London. 1477 Central.]
1901.	BORHAM, WILLIAM EVANS	Kabulgitti, vid Gadag, Bombay Presidency.
1909.	BORNEMANN, JOHANN AUGUST DIEDERICH	Managing Director, Messrs.Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1891.	Boswell, Samuel	Messrs. Galloways, Knott Mill Iron Works, Manchester; and 82 Albert Grove, Longsight, Man- chester.
1899.	BOTTOMLEY, JOHN WILLIAM	Messrs. T. C. Fawcett and Co., White House Engineering Works, Leeds.
1886.	BOULT, ALFRED JULIUS (Life	111 Hatton Garden, E.C. [Boult, London. Holborn 180.]
1878.	Member) Bourdon, François Edouard	74 Faubourg du Temple, Paris.
1886. 1892.	G. BOURNE, THOMAS JOHNSTONE	Tientsin-Pukou Rly., Nanking, China.
1891.	Bousfield, John Ebenezer	4 South St., Finsbury, E.C. [In- vention, London. 4492 Central.]
1880.	Bow, William	Thistle Engine Works, Paisley. [Bow, Paisley.]
1908.	BOWDEN, GEORGE ROBERT	Hazeldene, St. Albans.
1888.	BOWEN, EDWARD (Life Member)	9 St. Andrew's Square, Hastings.
1903.	BOWER, WILLIAM NELSON	Corn Exchange Bldgs., Cathedral St., Manchester.
1892.	Bowker, Arthur F	Whitehill, Wrotham, Kent. [Bow-ker, Wrotham.]
1899.	BOWLER, THOMAS	Works Manager, Messrs. Kitson & Co., Airedale Foundry, Leeds.
1899.	BOWMAN, HAROLD	Messrs. Stevenson and Co., Canal Foundry, Preston. [Stevenson, Preston.]
1903. 1908.	$\left. egin{array}{l} A.M. \\ M. \end{array} \right\}$ Bown, Charles Henry	Messrs. Merryweather & Sons, Greenwich, S.E.; and 4 Thorns- beach Rd., Catford, S.E.

-		(Royal Insurance Bldgs., 7 Royal
1890.	Boyd, John White	Bank Place, Glasgow. [Silent, Glasgow.]
		Engineer Surveyor - in - Chief,
1907.	Boyle, Alexander	Marine Dept., Board of Trade,
		54 Victoria St., S.W. (Sir W. G. Armstrong, Whitworth
1907.	BRACKENBURY, HEREWARD	& Co., Elswick Works, New-
	lenius	castle-on-Tyne.
1898. A.M.)		c/o Colonial Secretary, Colombo,
1903. M.)	Bradney, Walter	Ceylon. Billiter Bldgs., Billiter St., E.C.
	(BRADSHAW, GEORGE THEO-	Loco. and Resident Eng., Bally-
1897.	BALD MATHEW	castle Rly., Ballymoney, Ireland.
1878.	Braithwaite, Charles C	Boreham Wood Works, Elstree, Herts. [Packing, Boreham]
1010.	Dialitimatili, Chambes C	Wood.]
1906.	BRAMLEY, TOM BRYAN	Genl. Manager, Challenge Cycle
		Co., Coventry.
1906. A.M.) 1909. M.	BRAYSHAW, SHIPLEY NEAVE	4 Mulberry St., Hulme, Manchester.
1900.	BREARLEY, FREDERICK THOMAS	Ansdell Rd., Rainhill, Lancs.
1000	Daniel Wasses Harris	Works Manager, Messrs. W. T.
1906.	Brearley, William Henry	Beesley & Co., Universal Steel Works, Attercliffe Rd., Sheffield.
1000	D	(York House, Norfolk St., Strand,
1900.	BREMNER, DAVID ALEXANDER	W.C.
1000	Danie Tomar Day was over	Works Manager, Messrs. Fawcett,
1909.	Brew, Joseph Beaumont	Preston & Co., Phænix Foundry, 17 York St., Liverpool.
1902. A.M.)	Danwan Faman Commun	56 Victoria St., Westminster, S.W.
1907. M.	Brewer, Edward Godfrey	[Westminster 862.]
1902. A.M.) 1908. M.	BREWER, ROBERT WELLESLEY	Strand Palace Hotel, Strand, W.C.
/	(Brewster, Edwin Henry	(15 Lyndhurst Rd., Camberwell,
1891.	(GEORGE	S.E. [1174 Deptford.]
1905.	Paragas Wirms	3 Salters' Hall Court, Cannon St., E.C. [Kawaka, London. 3333
1500.	BRIDGES, WALTER	Central.
1887.	BRIER, HENRY	Messrs. Seagers Ltd., Dartford;
1889.		and 1 Miskin Rd., Dartford. Carleton Lodge, Pontefract.
1901. A.M.)	Briggs, Charles	(56 Cadder St., Pollokshields, Glas-
1908. M.	BRIGGS, ERNEST REYNOLDS	gow.
1898. A.M.)	BRIGGS, HERBERT	P.O. Box 1976, Johannesburg,
1902. M.	(BRIGGS, JOHN HENRY (Life)	(Transvaal.
1881.	(Member)	Howden.
1895.	BRITTEN, THOMAS JOHNSON	P.O. Box 494, Johannesburg, Transvaal.
1903. A.M.)	BRITTON, SYDNEY ERNEST	Corpn. Electricity Works, New
1908. M.	Co.	Crane St., Chester.
1891.	Broadbent, William	Central Iron Works, Huddersfield. [Broadbent, Huddersfield. 102.]
1905.	Brodie, George Wallace	Royal Arsenal, Woolwich.
1890.	Brodie, John Alexander	City Eng., Municipal Bldgs., Liver-
1897.	BRODRICK, WILLIAM HOLBORN	ool. 37 Wellington St., Hull.

and of 'I	ransfer.	
1852.	BROGDEN, HENRY (Life Member)	Trais Louge, Arthur Cham.
1892.	Bromiley, William J	Beech Hurst, Chorley New Rd., Bolton,
1892. 1893. 1896.	A.M. BROMLY, ALFRED HAMMOND	{Pacific Copper Co., Petatlan, Guerrero, Mexico.
1892.	Brooke, John Walter	Adrian Iron Works, Lowestoft. [Brooke, Lowestoft.]
1892.	Brooke, Robert Grundy	Sirius Works, West Gorton, Man- chester. [Influx, Manchester.]
1897.	BROOKS, SAMUEL HERBERT (Life Member)	Union Iron Works, West Gorton, Manchester.
1880.	BROPHY, MICHAEL MARY	48 Gordon Square, W.C.
	A.M.) BROTHERHOOD, STANLEY	53 Parliament St., S.W. [Brother-
1905.	М.,	(G.N. and City Rly., 3 Highbury
1890. 1905.	G. BROUSSON, ROBERT PERCY	Place, N.
1901.	Browett, Thomas	Diesel Engine Co., 179 Queen Victoria St., E.C.
		(110 Cannon Street, E.C.; and
1886.	Brown, Andrew	20 Aldermary Road, Bromley,
1889.	M1.)	Kent. [Browpost, London. Bank 8168.]
1891.	Brown, Arthur Mogg	Wynberg, Westmoreland Rd., Bromley, Kent.
1906.	Brown, Major Frank, A.O.D.	Ordnance Office, Kingston, Jamaica.
1889.	G.) Brown, Captain Frederick	
1889.	M. ALEXANDER WILLIAM	Birmingham.
1904.	Brown, Harold Henry Lane	
1898.	Brown, Harry	Liverpool and London Chbrs., Pitt St., Sydney, N.S.W.
1902.	Brown, Henry	Maisonettes Hotel, De Vere Gardens, W.
1892.	Brown, J. Fiddes	Ellerbie, 24 Morella Rd., Wands- worth Common, S.W.
1909.	Brown, Robert Henry	Works Manager, Messrs. Howarth Erskine, Bangkok, Siam.
		(Messrs. W. Simons & Co., London
1888.	Brown, William	Works, Renfrew; and Kilrene, 7 Whittingehame Gdns., Great Western Rd., Glasgow.
1892.	Brown, William	(150 Shooters Hill Rd., Blackheath, S.E.
		Chairman, Messrs. R. & W. Haw-
	(Provent Cir Pentanta Cira	thorn Leglie & Co Forth Banks
1902.	BROWNE, SIT BENJAMIN CHAP- MAN, D.C.L	Works, Newcastle-on-Tyne.
	(ман, р.с.н	[Locomotive, Newcastle-on-Tyne.]
		[Former Member 1869–1884.]
1902.	A.M.) BROWNE, BENJAMIN CHAPMAN,	Messrs. R. & W. Hawthorn,
1903.		Leslie & Co., St. Peter's Works, Newcastle-on-Tyne.
1905.	Browne, Robert Jamieson	c/o Messrs. Grindlay & Co., 11 Hastings St., Calcutta.
1909.	Browne, Sydney Ogilvie	Loco. Supt., Great Southern of
		Spain Rly., Aguilas, Spain.
1907.	A.M.) BROWNE, TOM BOUSQUET (Life M.) Member)	Westcroft Works, King St., Hammersmith, W.
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Date of Election and of Transfer.		
1874. G.) 1879. M.)	Browne, Tomyns Reginald	{5L Portman Mansions, East Street, W.
1902. A.M.) 1908. M.)	Browne, William Ruddle	The Cottage, Chiseldon, Swindon.
1903. A.M.) 1909. M.)	Brownjohn, William Henry	Eldon St. House, Eldon St., E.C. [Monocyclic, London. 13256 Central.]
1889.	Bruce, Robert	St. Ninians, Oakleigh Rd., Hatch End, S.O., Middlesex.
1893. G.) 1895. A.M.) 1903. M.)	BRUCE, ROBERT ARTHUR	{13 Kingswood Villas, Gillingham, S.O., Kent.
1909.	Brundrit, Joseph	6 Oriel Chambers, Water St., Liverpool.
1892.	Brunlees, John	12 Victoria St., Westminster, S.W.
1905.	Brunton, James Forrest	Chief Officer and Eng., Municipality, Karachi, India. Inspector of Ironwork, Public
1887.	BRUNTON, PHILIP GEORGE	Works Dept., Sydney, N.S.W.
1904. A.M.) 1908. M.)	BRYAN, BERNARD WILLIAM	Chief Eng., South Essex Water Works, Romford.
1884.	BRYAN, WILLIAM B	Chief Eng., Metropolitan Water Board, Savoy Court, W.C.
1902. A.M.) 1909. M.)	BRYANT, EDWARD EGERTON	Messrs. Oakes & Co., Madras, India.
1909.	BRYCE, WILLIAM EDWARD	Chief Eng., Messrs. Bayliss, Jones & Bayliss, Victoria Works, Wolverhampton.
1902.	Bryson, James	General Manager, Pumpherston Oil Works, Mid-Calder. (Caledonia Foundry and Engine
1899.	Buchanan, James	Works, Brasenose Road, Liverpool. [Buchanan, Liverpool. Bootle 132.]
1901.	BUCKHAM, GEORGE THOMAS	Messrs. Vickers, Sons & Maxim, 32 Victoria St., Westminster, S.W.
1892.	Buckley, John T	36 Cleveland Rd., Lytham, R.S.O., Lanes.
1895.	BUCKLEY, VICTOR EMANUEL	Nevsky Thread Mfg. Co., Malaya Bolotnaya 17, St. Petersburg, Russia.
1896.	BUCKWELL, GEORGE WILLIAM	Board of Trade Surveyors' Office, Barrow-in-Furness,
1878. G.) 1885. M.)	BUDDICOM, HARRY WILLIAM	Penbedw, Nannerch, Mold.
		(Messrs. Schäffer and Budenberg,
1886. G. 1894. M.	BUDENBERG, CHRISTIAN FREDERICK	Whitworth St., London Rd., Manchester; and Somerville, Ark- wright Rd., Marple, Stockport. [Manometer, Manchester. 899.]
1882.	Budge, Enrique	Oficina de Reconstruccion, Calle Condell, Valparaiso, Chile.
1898. A.M.) 1906. M.)	Bulfin, Ignatius	Boro' Electrical Eng., Generating Station, Southcote Rd., Bournemouth.
1881.	BULKLEY, HENRY WHEELER	141 Broadway, New York, U.S.
1907.	BULLOCK, WILLIAM EDWARD	Works Manager, Messrs. Singer & Co., Coventry.

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1892. G.) 1897. A.M.) 1901. M.	HARTE	$ \begin{cases} 217 \;\; \text{Albert} \text{Road, Pollokshields,} \\ \;\; \text{Glasgow.} \end{cases} $
1891.	Bumsted, Francis Dixon	Cannock Chase Foundry and Engine Works, Hednesford, Stafford. (72 Victoria St., Westminster, S.W.
1884.	Bunt, Thomas	[Buntera, London. 5049 West-minster.] (M. S. U. Assoen., 9 Mount St.,
1899.	BURCHAM, RICHARD EDWARD	Manchester; and Richmond Ter., Vine St., Openshaw, Manchester.
1885.	BURDER, WALTER CHAPMAN	Messrs. Messenger & Co., Loughborough.
1902. A.M.) 1906. M.)	BURFORD, HENRY GEORGE	Grafton House, Warwick New Rd., Leamington Spa.
1906.	BURN, ARTHUR JAMES HORS-	Managing Director, Waddle Patent Fan and Engineering Co., Ltd., Llanmore Iron Works, Llanelly. Tudor Accumulator Co., Rail
1908.	BURNET, CHARLES DOUGLAS	Welding Dept., 119 Victoria St., Westminster, S.W.
1878.	BURRELL, CHARLES	St. Nicholas Works, Thetford. [Burrell, Thetford.]
1896.	BURSTALL, Professor FRED- ERIC WILLIAM	The University, Edgbaston, Birmingham.
1890.	BURSTALL, HENRY ROBERT	14 Old Queen St., Westminster, S.W. [Instructed, London. 771 Westminster.]
1898.	BURT, GEORGE (Life Member)	Messrs. John Mowlem and Co., 19
1884.	Butcher, Joseph John	Grosvenor Rd., S.W. 195 West Brookline St., Boston, U.S.
1896. A.M. 1902. M.	BUTCHER, MALCOLM HENRY	Messrs. Howard Farrar, Robinson & Co., Egypt House, New Broad St., E.C.
1882.	Butler, Edmund	Kirkstall Forge, near Leeds. [Forge, Kirkstall.]
1884. G.) 1892. M.)	BUTLER, HUGH MYDDLETON	Kirkstall Forge, near Leeds.
1891.	BUTLER, JAMES	Victoria Iron Works, Halifax; and Longfield, Halifax.
1902.	BUTLER, JOSIAH	Messrs. Baldwins, Swansea Hematite Iron and Steel Works, Landore, R.S.O., Glamorgan.
1894.	BUTTERWORTH, JOSEPH	Messrs. Lancaster and Tonge, Pendleton, Manchester; and Sunny Lawn, Manchester Rd., Swinton, Manchester.
1907.	BUTTLE, DAVID CARLETON	Loco. Supt., Antofagasta (Chile) and Bolivia Rly., Antofagasta, Chile.

1887.		CAIGER, EMERY JOHN {114 Fenchurch St., E.C. [Caiger, London. 2619 London Wall.]
1886. 1891.	G.}	CAIRNES, FREDERICK EVELYN Killester House, Raheny, S.O., Co. Dublin.

Date	of	Election
and	of 3	Transfer.

1900.	CALASTREMÉ, JOHN CARLOS	(Aig. 100p.
1900.	CALTHROP, EVERARD RICHARD	Eldon Street House, Eldon St., E.C. [Raillerais, London.]
1886.	CAMBRIDGE, HENRY	Stuart Chambers, Mount Stuart Sq., Cardiff.
1898.	Cameron, John	Taff Vale Railway, Cardiff.
1903.	CAMPBELL, ALEXANDER	Works Manager, Hunslet Engine Works, Leeds. [Engine, Leeds. 528.]
1877.	CAMPBELL, ANGUS	Logie, Mussoorie, United Provinces, India.
1898.	CAMPBELL, HUGH	Campbell Gas Engine Co., Kingston, Halifax. [Camgas, Halifax. 92.]
1882.	CAMPBELL, JOHN	Messrs. R. W. Deacon & Co., Kalimaas Works, Soerabaya, Java.
1899.	CAMPBELL, ROBERT MALCOLM	19 Klea Avenue, Clapham Common, S.W.
1892.	CAMPBELL, WILLIAM WALKER	Messrs. A. F. Craig & Co., Caledonia Engine Works, Paisley [Machinery, Paisley. 322.]; and Oakshawhead, Paisley.
1903.	CAMPS, HAROLD EDWARD JOSCELYN	6 Crosby Square, E.C. [Adiabatic, London. 8293 Central.]
1885.	Capito, Charles Alfred Adolph	3 Montpelier Terrace, Knights- bridge, S.W.
1892.	CAPPER, Professor David	King's College, Strand, W.C.; and 17 Victoria St., Westminster, S.W. [5255 Westminster.]
1898.	CAPBON, ATHOL JOHN	Green Oak, Totley, Sheffield.
1878.	CARDEW, CORNELIUS EDWARD	Lanhainsworth, St. Columb, Cornwall.
1875.	CARDOZO, FRANCISCO CORRÊA DE MESQUITA (Life Member)	Messrs. Cardozo and Irmão, Per- nambuco Engine Works, Per- nambuco, Brazil.
1892.	CARNEGIE, DAVID	Messrs. Samuel Osborn and Co., Sheffield.
1901. A.M.) 1905. M.)	CABNEGIE, FRANCIS	Royal Small Arms Factory, Enfield Lock, Middlesex.
1901. A.M. 1905. M.	CARNEGIE, WILLIAM	Royal Laboratory, Royal Arsenal, Woolwich.
1899.	CARNT, EDWIN CHARLES	Messrs. J. Samuel White & Co., Cowes. [White, East Cowes. 8 A.]
1896. A.M.)	CAROLIN, EDWARD MARLAY	Master Mech., New Canadian Co., A. Q. & W. Rly., Port Daniel East, P.Q., Canada.
1902.	CARPENTER, CHARLES CLAUDE	Chief Eng., S. Metropolitan Gas Co., 709A Old Kent Rd., S.E. [Metrogas, London.]
1905.	CARB, ANDREW CUSTANCE	Assist. Chief Mech. Eng., Bengal Nagpur Rly., Khargpur, Bengal.
1895.	CARR, ROBERT ALFRED	Broad Street House, New Broad St., E.O.
1903.	CARR, WILSON STORY	Messrs. Vickers, Sons and Maxim, River Don Works, Sheffield.
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1903.	CARRUTHERS, ROBERT	Chief Supt. Eng., Bombay and Persia Steam Navigation Co., Bombay.
1885.	CARTER, HERBERT FULLER	Messrs. Grothe & Carter, Tiburcio 22, Mexico D.F., Mexico. [Gro- cart, Mexico.]
1907.	CARTWRIGHT, Professor CECIL LEONARD	College of Engineering, Madras, India.
1901.	CARTWRIGHT, WILLIAM	Works Manager, Messrs. William Heap & Co., Oldham Road Tool Works, Ashton-under-Lyne.
1900. A.M.) 1907. M.)	Cash, Ernest William	Middlesex Works, School Rd., Hampton Wick.
1888.	CASTLE, FRANK	Westover, Victoria Drive, Eastbourne.
1891.	CASWELL, SAMUEL JOHN	(c/o Mrs. A. Farmer, 7 Trewsbury Rd., Sydenham, S.E.
1892.	CAUSER, WILLIAM GEORGE	Brighton Villa, Handsworth, R.O., Birmingham.
1883.	CAWLEY, GEORGE	[25 Victoria St., Westminster, S.W. [Conferring, London. 26 Victoria.]
1892.	CHADWICK, OSBERT, C.M.G	7 Carteret St., Queen Anne's Gate, Westminster, S.W.
1894.	CHAFFEY, GEORGE	1207 Union Trust Building, Los Angeles, Cal., U.S.
1876.	CHALLEN, STEPHEN WILLIAM	Derwent Foundry, 60 and 62 Constitution Hill, Birmingham. [Derwent, Birmingham.]
1889. G. 1897. M.	CHALLEN, WALTER BERNARD	Derwent Foundry, 60 and 62 Constitution Hill, Birmingham.
1892.	CHALMERS, GEORGE	St. John del Rey Mining Co., Finsbury House, Blomfield St., E.C.
1902. A.M.) 1907. M.)	CHALMERS, JAMES	Eng., Companhia do Beberibe, Pernambuco, Brazil.
1886.	CHALMERS, JOHN REID	18 Hemingford Rd., Barnsbury, N.
1901.	CHAMBERLAIN, JOHN	133 Embleton Rd., Lewisham, S.E. [Former Member 1884– 1894.]
1897.	CHAMBERS, EDWARD JOHN	Managing Director, Messrs. Bullers, Tipton.
1896.	CHAMBERS, ROBERT MARTIN.	Messrs. Chambers & Co., Cuba St., Belfast.
1900.	CHAMBERS, THOMAS HALL WINSLEY	Messrs. Gjers, Mills & Co., Ayresome Iron Works, Middlesbrough.
1906.	CHAMEN, WILLIAM ASHCOMBE	Genl. Manager, S. Wales Electrical Power Distribution Co., Royal Chbrs., Queen St., Cardiff.
1890.	CHANDLER, NOEL	Cannock Chase Foundry and Engine Works, Hednesford, Staf- ford.
1888.	CHAPMAN, ARTHUR	Westbury, Woodfield Rd., Ealing, W.
1898.	CHAPMAN, LEONARD	The Lodge, Kingston Rd., Teddington.

_		6 Clegg St., Oldham. [Charles-
1893.	CHARLESWORTH, SHEARD	worth, Engineers, Oldham. 63.]
1885.	(CHARNOCK, Professor GEORGE) FREDERICK	Technical College, Bradford.
1890.	CHATER, JOHN RICHARD	Messrs. Cheshire, Pooley and Co., 22 Johnson Street, Liverpool.
1885. G.)		Brooklyn, Wootton Bridge, Isle of
1889. M.		Wight. Director of Industrial and Techni-
1891.	CHATTERTON, ALFRED	cal Inquiries, Madras, India. Victoria Works, Great Tindal St.,
1887.	CHATWIN, JAMES	Ladywood, Birmingham.
1898.	CHATWOOD, SAMUEL RAWS-	Manager, Lancashire Safe and Lock Works, Bolton. [Chatwoods, Bolton. 333.]
1873.	CHEESMAN, WILLIAM TALBOT	Hartlepool Rope Works, Hartle-
1906.	CHILD, GEORGE THOMAS	Messrs. Thomas Bolton & Sons, Oakamoor, Stoke-on-Trent.
1903.	CHILD, HARRY SHAW	Assist. Loco. Supt., Cape Govt. Rlys., Uitenhage, Cape Colony.
1897.	CHILDE, HENRY SLADE	Messrs. Childe and Rowand, Wakefield. [Childe, Wakefield. 33.]
1895.	CHITTENDEN, EDMUND BARROW	New Barnes, West Malling, Kent. [Former Member 1886-1891.]
1906.	CHIVERS, SAMBURN	(Manager, Western Wagon and
2000,	OHIVELD, DAMEDONAL.	Property Co., East Moors, Cardiff. (Messrs. Mather and Platt, Salford
1903.	CHORLTON, ALAN ERNEST LEOFRIC	Iron Works, Manchester; and Granville House, Ellesmere Park, Eccles.
1899.	CHRISTIE, ANDREW	93 Pitt Street, Sydney, N.S.W.
1894.	(CHURCHWARD, GEORGE) JACKSON (Member of Council)	
1896.	CLAREMONT, ERNEST ALEX-	Messrs. Royce Ltd., Trafford Park, Manchester. [Switch, Manchester. 4831.]
1903.	CLARK, EDWIN KITSON	Airedale Foundry, Leeds.
1896.	CLARK, GEORGE	Southwick Engine Works, near Sunderland.
1899. A.M.) 1900. M.)	CLARK, GEORGE	Bryan Donkin Co., Chesterfield; and The Cedars, Newbold Road, Chesterfield. [386.]
1904.	CLARK, HENRY	Southwick Engine Works, nr. Sunderland. [Clark, Sunderland.]
1889.	CLARK, THOMAS ALEXANDER	Supt. of Workshops, George Heriot's School, Edinburgh.
1896.	CLARK, THOMAS FORSTER	Works Manager, Messrs. Gwynnes, Hammersmith Iron Works, W.
1906.	CLARK, WILLIAM FREDERICK	Managing Director, Messrs. James Archdale & Co., Birmingham.
1893. A.) 1898. M.)	CLARKE, EDWARD FUHRMANN	Victoria Chbrs., 5a Temple Row, Birmingham. [1788.]
1901.	CLARKE, GEORGE GRANVILLE	c/o Messrs. C. M. Clarke & Co., 29 St. Mary Axe, E.C.
1895. G. 1900. A.M. 1908. M.	CLARKE, LEIGH THEOPHILUS	Electrical Dept., G.C. Rly., Maryle- bone, N.W.
2000, 212.		

Date	of	Election
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and of Transfer.		
1894.	CLARKSON, CHARLES	29 Shandon St., Edinburgh.
1898.	CLARKSON, JAMES	Messrs. J. & P. Coats, 89 Wellington St., Glasgow.
1891.	CLARKSON, THOMAS	Moulsham Works, Chelmsford; and
1892.	CLAY, CHARLES BUTLER	Mount House, Chelmsford. Hylton, Albemarle Rd., Becken-
1901.	CLAYTON, JAMES	Messrs. Samuel Courtauld & Co., Bocking, Braintree.
1905.	CLAYTON, JAMES ADOLPHUS	Carr. and Wagon Supt., B.B. & C. I. Rly., Bombay, India.
1898. A.M.) 1905. M.)	CLEAVE, ARTHUR HAROLD	Royal Mint, Ottawa, Canada.
1890.	CLELAND, WILLIAM	Sheffield Testing Works, Blonk St., Sheffield.
1903. A.M.) 1906. M.)	CLEMENCE, WALTER	Kingsway House, Kingsway, W.C.
1908.	CLERK, DUGALD, F.R.S	57 and 58 Lincoln's Inn Fields, W.C.
1897.	CLIFFORD, CHARLES	Chief Mech. Eng., G.N. Rly. of Ireland, Dundalk.
1902.	CLIFT, CLYDE ERNEST	24 Lime St., E.C. [79 Avenue.]
1885. G.) 1888. M.	CLIFTON, GEORGE BELLAMY	G.W.R., 66 Porchester Rd., Paddington, W.
20001 221)		(Managing Director, Messrs. Thomas
1901.	Cloake, William Henry	Green & Son, New Surrey Works, Southwark St., S.E. [Surrey
1885.	CLOSE, JOHN	Works, London. 2022 Hop.] Dringhouses, York.
1902.	CLOUD, JOHN WILLS	Westinghouse Brake Co., 82 York Rd., King's Cross, N.
1835.	CLUTTERBUCK, HERBERT	Engineers' Dept., L.C.C., Spring Gardens, S.W.
1904.	COATES, ALFRED	Manager, Whessoe Iron Foundry, Darlington.
1902.	Coates, Victor Henry	2 Norfolk St., Strand, W.C. [Victomime, London. Gerrard 3261.]
1887.	COCHBANE, GEORGE	London Hydraulic Power Works, Hatfield St., Southwark, S.E.
1885.	Cochbane, John	Grahamston Foundry and Engine Works, Barrhead, Glasgow. [Cochrane, Barrhead.]
1904.	COCHRANE, Captain THOMAS HENRY, R.E	Inspector of Iron Structures, War Office, Horse Guards, Whitehall,
1902. A.M.	CODD. THOMAS JAMES	Metrop. Asylums Board, Victoria
1908. M.	(Coddington, Sir William,	Embankment, E.C. Ordnance Cotton Mill, Blackburn;
1864.	Bart	and Wycollar, Blackburn.
1889.	COEY, ROBERT	Loco. Eng., G.S. and W. Rly., Inchicore Works, near Dublin.
1898.	{Coker, Professor Ernest George, D.Sc., F.R.S.E	Finsbury Technical College, Leonard St., City Rd., E.C.
1889.	COLAM, WILLIAM NEWBY	[27 Rutland Square, Edinburgh. [Colam, Edinburgh. 1285.]
1892.	Cole, HENRY AYLWIN BEVAN	[50 Lime Street, E.C. [Carbuncle, London. 1750 Avenue.]

1900.	COLLINSON, ARTHUR	Dist. Supt., N.E. Rly., Middles-
1894. A.M.)		brough. (Municipal Technical School,
1897. M.)	Collis, Alfred Edward	Lincoln.
1884.	COLTMAN, JOHN CHARLES	Engineering Works, Meadow Lane, Loughborough.
1878.	COLYER, FREDERICE	Cromwell Lodge, West Street, Ryde.
1896.	CONATY, GEORGE	[109 Colmore Row, Birmingham. [Conaty, Birmingham. 87 South.]
1902.	CONNER, JAMES	Genl. Manager, English Electric Mfg. Co., Preston.
1888.	CONSTANTINE, EZEKIEL GRAY-	Stirling Boiler Co., 25 Victoria St., S.W. [Stirlinico, London.]
1906.	CONWAY, GEORGE ROBERT GRAHAM	Chief Eng., Monterey Water Works and Sewer Co., Apartado 291, Monterey, N.L., Mexico.
1886. G.) 1891. M.	CONYERS, SIDNEY WARD	Public Works Dept., Sydney, N.S.W.
1874.	CONYERS, WILLIAM	N.Z. Chambers, 483 Collins St., Melbourne, Victoria.
1904.	Cook, Alfred Bickersteth	Brush Electrical Engineering Co., Electrical Federation Offices, Kingsway, W.C.
1906.	Соок, Јони	Manager, Nairobi Engineering Works, Nairobi, British E. Africa.
1888.	Cook, John Joseph	The Hawthorns, Richmond Wood Rd., Bournemouth.
1904. A.M.)	COOK TOWN NAME	(Messrs. Barry, Henry & Co., 64
1906. M.	Cook, John Nicol	Mark Lane, E.C. [Barrorum, London.]
1902.	Cook, Reuben James	Messrs. John I. Thornycroft & Co.,
		Woolston, Southampton. Messrs. Spencer and Cook, Staly-
1905.	COOK, WILLIAM HALL	bridge; and Rose Cottage, Stanley Grove, Longsight, Man-
1877.	Cooper, Arthur	Erdely, Middlesbrough.
1903. A.M.) 1905. M.	COOPER, ARTHUR THOMAS	British Electrical Federation
1908.	COOPER, EDMUND LUCAS	Offices, Kingsway, W.C. Chief Mech. Eng., Messrs. J. & P.
1898.	COOPER HENDY	Coats, Ferguslie Mills, Paisley.
1891.	COOPER, MYLES	Hecla Works, Sheffield. 42 Deansgate, Manchester.
1905.	COOPER, ROBERT	[12 Coleman Street, E.C. [Annealed, London. 11234 Central.]
1896. A.M. 1905. M.	Cooper, Thomas	Metrop. Asylums Board, Victoria Embankment, E.C.; and Spring Valley, Beaconsfield Rd., St.
1892. A. 1901. M.	COOPER, THOMAS LANCELOT	Albans. 20 St. Leonard's Road, Ealing, W.
1874.	COOPER, WILLIAM	Neptune Engine Works, Hull.
1900.	COPE, HARRY CHARLES	[Neptune, Hull.] Chestnutville, Colin Deep Lane,
1885.	Coppée, Evence	Hendon, N.W. 223 Avenue Louise, Bruxelles, Belgium
		(Belgium.

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1899.	COPPERTHWAITE, RALPH AT-	Heaton Carriage & Wagon Works, N.E. Rly., Walker Gate, New- castle-on-Tyne.
1901.	CORBETT, ALEXANDER JOHN	Inverinate Villa, Attadale Road, Inverness.
1892. 1902.	CORIN, PHILIP BURNE CORMACK, Prof. JOHN DEWAR	Anchor Foundry, Penzance. University College, Gower St., W.C.
1895.	CORNISH, Eng. Captain EDWIN, R.N	H.M.S. "Pembroke," Chatham.
1881.	Cosseb, Thomas	McLeod Road Iron Works, Karachi, India.
1907.	COSTER, ARTHUR VENNELL	Messrs. Crossley Bros., Openshaw,
1900.	CARNE	Belle Vue, Mount Pleasant Drive, Old Kilpatrick, Glasgow.
1896.	COTTRELL, STEPHEN BUTLER	15 Rock Park, Rock Ferry, Birken-
1894.	Co	head. [34 Rock Ferry.] Bee Hive Works, Bolton.
1034.	COTTRILL, JOHN ORMEROD	(Messrs. Lindsay Burnet & Co.,
1895.	COUPER, SINCLAIR	Moore Park Boiler Works, Govan, Glasgow. [Burnet, Glasgow. South Side 1513.]
1878.	COURTNEY, FRANK STUART	25 Victoria St., Westminster, S.W.; and 38 Croxted Rd., Dulwich, S.E. [Escourre, Westminster. 39 Westminster.]
1899.	COVENEY, WILLIAM CHARLES	Supt. Eng., Municipal Pumping Station, Singapore, Straits Settlements.
1902. 1904.	A.M. Cowan, Percy John	8 Henrietta St., Covent Garden, W.C.
1896.	COWDELL, HENRY CHARLES	Cradley Boiler Works, Cradley Heath, S.O., Staffs. [Boiler, Cradley Heath.]
1893. 1897.	A.M. COWELL, JOHN RAY	P.O. Box 2141, Johannesburg, Transvaal. Beck Works, Brook St., Notting-
1875.	COWEN, EDWARD SAMUEL	ham; and 1 Peveril Drive, The Park, Nottingham. [Cowen, Nottingham. 87.]
1902. 1909.	A.M. COWEN, GEORGE HEPPLE	27 Carsick View Rd., Sheffield.
1898.	COWENS, WILLIAM EDWARD	Sunnyside, Cullercoats, Northumberland.
1892.	COWPER - COLES, SHERARD OSBORN	Grosvenor Mansions, Victoria St., Westminster, S.W. [Zincking, London.]
1906.	Cox, Frederick John	212 Brecknock Rd., Tufnell Pk., N.
1888. 1896.	G. Cox, Herbert Henry	22 Florence Terrace, Falmouth.
1897.	Сох, Јов	Corpn. Baths and Parks Depts., Kent St., Birmingham. [994.]
1904. 1906.	A.M. COZENS-HARDY, EDWARD HER-	
1897.	A.M.) CRAIG ALEXANDER	18 Hertford Street, Coventry.
1905.	M. CRAIG, ALEXANDER	(Croydon Corpn. Electricity Works,
1902. 1907.	A.M. CRAMB, ALEXANDER CHARLES	Factory Lane, Croydon.

		(Darnall Rly. Carriage, Wagon, and
1899.	CRAVEN, JOHN ALFRED	Wheel Works, Sheffield; and Penrhyn House, Broomhall, Sheffield.
		(Vauxhall Iron Works, Osborne St.,
1894.	CRAVEN, WILLIAM H. S	Manchester, [Vauxhall, Man- chester, 659.]
1902. A. 1906.	M. CRAWFORD, GERALD WALKER	[1222] Central.]
1901.	CRAWFORD, JOSEPH	(2 Exchange St., Manchester. [Clinker, Manchester. 46.] (22 Henrietta St., Strand, W.C.
1897.	CRAWFORD, WALTER WILLIAM	[Rotapulim, London. 9850 Central.]
1898.	CREWE, HENRY THOMAS	17 Sunning Hill Rd., Lewisham, S.E. (Messrs. Marshall Sons & Co.,
1889.	CRIBB, FREDERICK JAMES	Britannia Iron Works, Gains- borough.
1897.	CRITCHLEY, JAMES SIDNEY	Carlton House, Lower Regent Street, S.W.
1904.	CROCKER, JOHN	R.N. Engineering College, Devon- port.
1903.	CROFT, FREDERICK LISTER	Messrs, Croft & Perkins, Ltd., Leeds Rd., Bradford. [Pulleys, Brad- ford. 3099 & 3100.]
1883.	CROFT, HENRY	Mount Adelaide, Victoria, B.C.
1899.	CROFTS, JOHN CHARLES THRUS-	P.O. Box 56, North Vancouver, British Columbia.
1878.	CROHN, FREDERICK WILLIAM	Roseneath, West Cliff Rd., Bourne- mouth.
1877.	CROMPTON, Colonel ROOKES EVELYN BELL, C.B	Are Works, Chelmsford; and Thriplands, Kensington Court, W. [Crompton, Chelmsford.] [Loco. Supt., Dublin, Wicklow and
1898.	Cronin, Richard	Wexford Rly., Upper Grand Canal St., Dublin.
1881.	{CROSLAND, JAMES FOYELL LOVELOCK	Chief Eng., Vulcan Boiler and General Insce. Co., 67 King St., Manchester. (Messrs. Seebohm & Dieckstahl,
1891.	CROSLAND, JOSEPH	Dannemora Steel Works, Shef- field; and Stanley Avenue, Birk- dale, Southport.
1875.	CROSSLEY, Sir WILLIAM JOHN, Bart., M.P	Messrs. Crossley Brothers, Great Marlborough St., Manchester. [Crossleys, Openshaw.]
1900.	CROSTA, LORENZO WILLIAM	Clifton House, Musters Rd., West Bridgford, Nottingham.
1898.	CRUTTWELL, GEORGE EDWARD WILSON	Dartmouth House, 2 Queen Anne's Gate, Westminster, S.W. [Consilium, London. Westminster 248.]
1892. A	A.) CRYER, ARTHUR	10 Penywain Place, Roath Park, Cardiff.
1898.	CULLEN, PETER JOHN {	c/o Standard Bank of S. Africa, 10 Clement's Lane, Lombard St., E.C.
1889.	CULLEN, WILLIAM HART {	Castner-Kellner Alkali Co., Walls- end-on-Tyne.

1906.	CUMING, GEORGE	Messrs. Harland & Wolff, Belfast.
	00	(Works Manager, Messrs. Samuelson
1001	~	
1901.	CUNNINGHAM, HUGH	& Co., Britannia Iron Works,
	· ·	Banbury.
1906. A.M.)	CURGENVEN, Eng. Lieut.	(H.M.S. "Foam," c/o Postmaster
1908. M.	LEONARD WOODS, R.N	General, E.C.
1000	~ ~ ~	(Ardeer Factory, Stevenston, S.O.,
1906.	CURRIE, GEORGE MACKAY	Ayrshire.
		[Loco. Carr. and Wagon Supt., Mid.
1903.	CUSACK, HENRY EDWARD	d.W. Rly. of Ireland, Broadstone
	,	Station, Dublin.
1000	C	
1900.	CUTLER, ARTHUR EDWARD	Public Works Dept., Sydney, N.S.W.
		(Providence Iron Works, Millwall,
		E.; and 10 St. John's Park,
1887.	CUTLER, GEORGE BENJAMIN	
	,	Blackheath, S.E. [Cutter, Mill-
		wall. Eastern 59.]
		Providence Iron Works, Millwall,
1876.	CUTLER, SAMUEL	E. [Cutler, Millwall. Eastern
1010.	CUILIBR, SAMUEL	
		59.]
1001 (1)		Providence Iron Works, Millwall,
1891. G.)	CUTLER, SAMUEL, Jun	E. [Cutler, Millwall. Eastern 59.]
1898. M.	COLLER, DAMORE, Jul	EO 7
		[99.]

		(Bombay Foundry and Engine
1888.	DADABHOY, CURSETJEE	Works, Khetwady, Bombay; and
		Cumbala Hill, Bombay.
1894. A.M.)	DADINA, HORMUZ MINOCHER	Messrs. St. Paul & Dadina,
1901. M.	DADINA, HORMOZ MINOCHEN	Graham's Buildings, Bombay.
1895.	DAINTREE, THOMAS EKINS	Rand Club, Johannesburg, Trans-
1000.	DAINIBLE, THOMAS EMINS	vaal.
1883.	D'ALBERT, CHARLES	15 Avenue Larcher, Chatou, Seine
2000.		et Oise, France.
1890.	Dalby, Professor William	Central Technical College, Exhi-
2000.	ERNEST	bition Rd., S.W.
1902.	Dale, John	Genl. Manager, Sunderland Forge
2002,		& Engineering Co., Sunderland.
1893.	Dall, John	Messrs. Lamport and Holt, Fulton
		St. Works, Liverpool.
1881.	D'ALTON, PATRICK WALTER	Messrs. Dick, Kerr & Co., Abchurch
	· · · · · · · · · · · · · · · · · · ·	Yard, Cannon St., E.C.
1908.	DAMANT, Eng. Lieut. WALTER	H.M. Yacht "Victoria and Albert,"
	SANCROFT, R.N	Portsmouth.
1902.	DAME, JOHN MALVERN	Standard Oil Co. of New York,
	·	Bombay, India.
1899.	DAN, TAKUMA	Mitsui Mining Co., 1 Suruga-cho,
		Nihombashi-ku, Tokyo, Japan.
1909.	DANBY, CHARLES GEORGE HENRY	Carr. & Wagon Supt., East Indian
1899.	Diame Commen	Rly., Lillooah, Bengal.
1000.	DANIA, GEORGE	110 Cannon St., E.C. (Messrs. Worthington & Co., The
1866.	Daniel, Edward Freer	Brewery, Burton-on-Trent; and
2000,	Danies, Edward Preser	89 Derby St., Burton-on-Trent.
		i og Derby Du, Duron-on-Frenc.

_		(Messrs. John Fowler & Co., Steam
1866.	Daniel, William	Plough and Loco. Works, Leeds; and Menston, Leeds.
1903.	Daniels, George	Oakdene, Hyde Rd., Gorton, Man- chester.
1888.	DARBISHIRE, JAMES EDWARD	25 Victoria St., Westminster, S.W. [Escourre, London. 39 Westminster.]
1902.	DARLING, JOHN WILLIAM	Airedale Works, Keighley.
1905. A.M.) 1908. M.)	DARLINGTON, SEYMOUR NANCE	Messrs. Vickers, Sons & Maxim, Caxton House, Tothill St., West- minster, S.W.
1878.	DARWIN, HORACE, F.R.S. (Life Member)	The Orchard, Huntingdon Rd., Cambridge.
1909.	DAVEY, ARTHUR	Messrs. Hobdell, Way & Co., St. John's House, 124-125 Minories, E.
1873.	{DAVEY, HENRY (Vice-Presi-) dent)	Conaways, Ewell, Surrey.
1906.	Davids, Smith William	Mulgrave Central Mill, Nelson, North Queensland.
1890. G. 1894. A.M. 1896. M.	DAVIDSON, ALBERT	189 Norfolk St., Sheffield.
1901. G. 1903. A.M. 1907. M.	DAVIDSON, JAMES SAMUEL	Genl. Manager, Sirocco Engineering Works, Bridge End, Belfast. [Sirocco, Belfast. 327.]
1896. A.M.) 1901. M.)	DAVIDSON, JOHN MCKENZIE	General Contractor, Karachi, India.
1888.	DAVIDSON, SAMUEL CLELAND	Sirocco Works, Bridge End, Belfast. [Sirocco, Belfast. 327.]
1904.	DAVIDSON, WILLIAM	Acting Loco. and Carr. Supt., B.B. & C.I. Rly., Parel, Bombay, India.
1897.	DAVIES, EDMUND JOSEPH	Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1904. A.M.) 1909. M.)	Davies, Frederick William	Water Eng., Municipal Offices, St. Peter's Church Side, Nottingham.
1891.	Davies, John Hubert	P.O. Box 1386, Johannesburg, Transvaal.
1904.	DAVIES, SIDNEY	Messrs. Hayward, Tyler & Co., Luton.
1907. A.M.) 1907. M.	DAVIS, HENRY WHITWORTH	Loco. Dept., Egyptian State Rlys., Cairo, Egypt.
1906.	DAVISON, JOHN WILLIAM	Chief Mech. Eng., G.W. Colliery Co., Pontypridd.
1884.	DAVISON, ROBERT	Loco. Dept., Cal. Rly., St. Rollox, Glasgow; and 4 Edgefauld Ter- race, Springburn, Glasgow.
1908.	DAVY, BERNARD JOSEPH	Dewhurst's Engineering Co., Atter- cliffe Rd., Sheffield.
1892.	DAVY, WILLIAM JAMES	Sphere Engineering Works, St. Albans. [Voltargon, St. Albans.]
1901.	Dawson, Sir Arthur Trevor	Messrs. Vickers, Sons & Maxim, 32 Victoria St., Westminster, S.W.
1875. G.) 1890. M.)	DAWSON, EDWARD	23 Park Place, Cardiff. [Mechani-
1907.	Dawson, George Pilkington	(cal, Cardiff.] Groton House, Boxford, Suffolk.

Date	of	Election	1
and	of ?	Fransfer	

1896. A.M.) 1899. M.)	DAWSON, I HILLI	St. Stephen's House, Victoria Embankment, Westminster, S.W.
1896.	DAY, CHARLES	Bramhall House, Hazel Grove, Stockport.
1886.	DAYSON, WILLIAM OGDEN	1 Mount Street, Swansea.
1880.	DEACON, RICHARD WILLIAM	333 Kingston Rd., Wimbledon.
1000.	DEACON, INICITATED WITHINGTON	(Electric Supply Co. of Victoria,
1894.	DEAKIN, BENJAMIN WALTER	Wendouree Parade, Ballarat, Victoria.
1903.	DEAKIN, WALTER	Messrs. H. W. Ward & Co., Lionel St., Birmingham.
1000	(DEAN, FREDERIC WILLIAM	(Royal Ordnance Factory, Royal
1900.	CHARLES	Arsenal, Woolwich.
	`	General Manager, Messrs. Knowles
1903.	DEAN, JOSEPH	& Co., Globe Works, Bradford. [Machines, Bradford. 2132.]
1899.	DEAS, JAMES	Water and Sanitary Eng., Municipal Offices, Warrington.
	D ### D	Loco. Supt., Tasmanian Govt. Rlys.,
1900.	DEEBLE, WILLIAM RUFUS	Launceston, Tasmania.
1890.	DEELEY, RICHARD MOUNTFORD	Melbourne House, Osmaston Rd., Derby.
		147 Houndsditch, E. [Defries,
1889.	DEFRIES, WOLF	London.]
		Dellwik-Fleischer Water-Gas Syn-
1901.	DELLWIK, CARL	dicate, 25 Victoria St., West-
		minster, S.W.
		Managing Director, Messrs. Eddison
1904.	DE MATTOS, JOSEPH HILBERT	& De Mattos, Dorchester. [Eddi-
		son, Dorchester. 20.]
1000	Daniel Toma	Electrician, Electric Light Dept.,
1900.	DENHAM, JOHN	Cape Govt. Rlys., Cape Town,
		Cape Colony. Hunslet Foundry, Leeds. [Weigh,
1882.	DENISON, SAMUEL	Leeds. Central 1238.]
1892.	DENNIS, GEORGE D	26 Newton Rd., Bayswater, W.
1888.	DENT, CHARLES HASTINGS	General Manager, G.S. & W. Rly.,
1000.	DENT, CHARLES HASTINGS	Island Bridge, Dublin.
1000	D 7 - N. T.	Messrs. Cammell Laird & Co.,
1903.	DEWAR, JAMES MCKIE	9 Victoria St., Westminster,
		(Neggra John Downhauert & Con
1895.	DEWHURST, JOHN HENRY	Messrs. John Dewhurst & Son, Attercliffe Rd., Sheffield. [1614.]
		165 Great Dover St., S.E.; and
1899.	DEWRANCE, JOHN	Cranmore Place, Chislehurst.
1001		Rosslyn, 12 Hope Place, Levenhall,
1891.	Dick, conn nonman	Midlothian.
1903.	DICKEN, ROBERT CHRISTIAN)	AA Dorwontwater Dd. Acton W
1300.	} JOHN	44 Derwentwater Rd., Acton, W.
1000	Degrees Arman	Central House, New St., Birming-
1890.	Dickinson, Alfred	ham. [Traction, Birmingham.
		[1823.] (Manager Floatric Lighting Dent
1894. A.M.)	DICKINSON, HABOLD	$\{ egin{array}{ll} { m Manager, Electric Lighting Dept.,} \ { m Whitehall Rd., Leeds.} \ { m [\it Elec-} \ { m Implies the model} \ { m Electric Lighting Dept.,} \ { m Implies the model} \ { m Imp$
1899. M.	and the state of t	tricity, Leeds. Central 1013.]
	D	Palmer's Hill Engine Works, Sun-
1891.	DICKINSON, JAMES CLARK	derland.

-		(Loco. Supt., B'ham. Central Tram-
1892.	DICKINSON, RICHARD HENRY	ways, Kyotts Lake Depôt, Bir- mingham.
1905. A.M.)		Maneckchock and Ahmedabad
1909. M.	NURSEY	Manufacturing Co., Sugar Lane, Ahmedabad, India.
		The Poplars, Great Sankey, War-
1886.	DIXON, ROBERT	rington.
		38 Bath St., Glasgow; and 30
1898.	DIXON, WALTER	Kelvinside Gdns., Kelvinside, Glasgow. [Fresco, Glasgow.
2000.	,	3656.]
1005	Daniel Williams The Lawre	Kompanaya Singer, Podolsk, Mos-
1897.	DIXON, WALTER FRANK	cow Govt., Russia.
1896.	DOBSON, ADAM	8 Balmoral Bldgs., 44 Wellington Place, Belfast.
	·	Chief Eng., St. James's and Pall
		Mall Electric Light Co., 19
1899.	Dobson, Sydney Thornton	Carnaby St., Golden Sq., W.
		[Fulleresco, London. Gerrard 5082.]
		(Messrs. Platt Brothers & Co.,
1880.	Dodd, John	Hartford Iron Works, Oldham.
1889.	DOLBY, ERNEST RICHARD	8 Princes St., Westminster, S.W.
1003.	DOEDI, PRINCIPLI INCIDENT	[782 Victoria.]
1898. A.M.	DONALD, DAVID BOSWELL	Messrs. A. and F. Manuelle, 57 Gracechurch St., E.C. [Feld-
1903. M.	DONALD, DAVID DONNIEL	spar, London.
	(DONALDSON, HAY FRED-	Chief Supt., Ordnance Factories,
1898.	ERICK, C.B. (Member of	Royal Arsenal, Woolwich; and
	(Council)	Wood Lodge, Shooter's Hill, Kent.
1000	DONALDSON, PETER	(84 Drayton Gardens, West Bromp-
1903.	DONALDSON, PETER	ton, S.W.
1895.	Donkin, Harry Julyan	Bryan Donkin Co., Parliament Mansions, Victoria St., West-
1090.	Donald, Hanni Vollan	minster, S.W.
		Chief Inspector of Mechanical
1902.	DONOHUE, Major WILLIAM	Transport, Aldershot; and St.
	EDWARD, A.S.C	Ives, South Farnborough, Farnborough.
		Broughton Bridge Iron Works,
1891.	DONOVAN, EDWARD WYNNE	Salford, Manchester. [Dazzle,
	(Douglas, Charles Prattman	Manchester. 8404.]
1865.	(Life Member)	Thornbeck Hill, Carmel Rd., Darlington.
1904. A.M.)		Messrs. Douglas & Grant, Dunni-
1909. M.		kier Foundry, Kirkcaldy.
1903.	Douglas, George Cameron	41 Reform Street, Dundee. [01960.]
1909. 1898. A.M.)	Douglas, James Thomas	11 Dale St., Liverpool. 141 Fenchurch St., E.C. [Block-
1902. M.	DOUGLAS, WILLIAM JAMES	ading, London.]
1887.	DOUGLASS, WILLIAM TREGAR-	15 Victoria St., Westminster, S.W.
	(THEN)	(Redbourn Hill Iron and Coal Co.,
1873.	Dove, George	Frodingham, Doncaster [Red-
2010.	2012, 020102	bourn, Frodingham.]; and Birst-
		with Hall, Birstwith, Leeds.

			(Margua Comana Chalden and Co
1903.	Dove, John Charles	••	Messrs. Cowans, Sheldon and Co., St. Nicholas Works, Carlisle. [St. Nicholas, Carlisle.]
1900.	Dow, James William	••	Carr. and Wagon Dept., N.E. Rly., York.
1907.	Downs, Charles Stephen		1 Marine Villas, Dover.
1881.	Dowson, Joseph Emerson		39 Victoria St., Westminster, S.W.
1880.	Doxford, Robert Pile	••	[Gaseous, London.] [Pallion Shipbuilding and Engine Works, Sunderland. [64 Victoria St., Westminster, S.W.
1899.	DREW, ALEXANDER	• •	[Fabricatum, London. 5968 Westminster.]
1895. A.M.)	Dronsfield, James		Atlas Works, Oldham.
1904. M. f	Dronsfield, William		Sandiway Lodge, near Northwich.
1886.	DRUMMOND, DUGALD		Loco. Engineer, L. and S.W. Rly., Nine Elms, S.W.
1898.	DRUMMOND, GEORGE WILLI	AM	Glasgow Rly. Engineering Co.,
1898.	DRUMMOND, PETER		Helen St., Govan, Glasgow. Loco. Supt., Highld. Rly., Inverness.
1900.	DRYDEN, ALBERT		H.M. Mint, Calcutta, India.
1896.	DRYDEN, THOMAS	••	Grimshaw Street Foundry, Preston. [36.]
1885.	DUCKERING, CHARLES	• •	Water Side Works, Rosemary Lane, Lincoln.
1900.	DUDIN, HENRY WILLIAM		Messrs. Yarrow & Co., Scotstoun, Glasgow.
1901.	DUFF, EDWARD JAMES		[51 South John St., Liverpool. [Apparatus, Liverpool. 7765.]
1868. G.) 1893. M.)	DUGARD, WILLIAM HENRY	••	Vulcan Rolling Mills, Bridge St. West, Summer Lane, Birmingham. [Vulcan, Birmingham.]
1895. A.M.) 1908. M.)	Dumas, Robert	••	British Thomson-Houston Co., Rugby.
1901. A.M.) 1908. M.)	Duncan, John		Munic. Technical Institute, Romford Rd., West Ham, E.
1895. A.M.) 1905. M.)	Duncan, William		Loco. Dept., Cape Govt. Rlys., Naauwpoort, Cape Colony.
1907.	DUNKERLEY, HERBERT		(Imperial Chambers, Bowlalley
1900.	DUNLOP, PETER	••	Lane, Hull. 17 Park Hill Gdns., Clapham, S.W.
	DUNN, HUGH SHAW	••	Engineer, Caprington Collieries,
1890.	Drawn Tarens	• •	Kilmarnock.
1901. 1895. A.M.		• •	Greylands, Blackheath, S.E. (Corpn. Gas Works, Stockton-on-
1897. M.	DUNN, MATTHEW	• •	Tees.
1907.	Dunstan, Edwin James	• •	Chief Loco., Carr. and Wagon Supt., Shanghai-Nanking Rly.,
1899.	DURSTON, Eng. Vice-Adm Sir Albert John, K.C.B.	iral	Woosung, China. St. Andrews, Westcombe Park Rd., Blackheath, S.E.
1886. G.) 1890. M.)	DUVALL, CHARLES ANTHONY		Great Haseley, Oxon., Wallingford.
1904.	DYKES, ARTHUR JOHN	• •	Loco., Carr. and Wagon Supt., Mauritius Govt. Rlys., Central
1865.	Dyson, Robert	••	Rly. Stn., Port Louis, Mauritius. Rother Iron Works, Rotherham.

1904. EAGER, JOHN	_		Eng. & Loco. Supt., B. P. & G. V.
1904. EASTWOOD, THOMAS CARLINE 1904. EASTWOOD, WILLIAM 1888. EATON-SHORE, GEORGE Seeds Seeds Leeds. 1908. EBORALL, ALERED CECIL The Highlands, Lampton, Houn low. 1896. EBORALL, CORNELIUS WILLES 1897. A. ECHEVARRI, JUAN THOMAS 1898. M. WOOD	1904.	EAGER, JOHN	Rly. & Docks, Burry Port; and Caehelyg, Burry Port, R.S.O., Carmarthenshire.
1904. EASTWOOD, WILLIAM Leeds. Boro' Eng., Temple Chbrs., Crew. Shore Eng., Temple Chbrs., Shore Shore Eng.,	1892.	EASTWOOD, THOMAS CARLINE	Derby. [Swingler, Derby.]
1908. EBORALL, ALFRED CECIL 1896. EBORALL, CORNELIUS WILLES 1897. A. ECHEVARRI, JUAN THOMAS 1898. M. WOOD 1878. ECKABT, WILLIAM ROBERTS 1886. EDE, FRANCIS JOSEPH 1892. G. 1893. A.M. 1898. M. EDMONDS, Major RICHARD 1900. ELLIS, ARTHUE DEVONSHIRE. 1896. ELLIS, REGINALD EATON 1897. ELLIS, REGINALD EATON 1898. A.M. 1998. M. ELLIS, JESSE 1899. ELLIS, REGINALD EATON 1899. ELMEP JORNEY JOHN 1899. ELLIS, REGINALD EATON 1899. ELLIS, STORY THE PURE PURE PURE PURE PURE PURE PURE PUR	1904.	EASTWOOD, WILLIAM	
1896. EBORALL, CORNELIUS WILLES 1897. A. BCHEVARRI, JUAN THOMAS 1898. M. WOOD	1888.	EATON-SHORE, GEORGE	Boro' Eng., Temple Chbrs., Crewe.
1897. A. Bechevarri, Juan Thomas Williams Wood	1908.	EBORALL, ALFRED CECIL	
1897. A. BCHEVARRI, JUAN THOMAS WOOD	1896.	EBORALL, CORNELIUS WILLES	Dist. Loco. Supt., E.I.Rly., Jamalpur, India.
ECKART, WILLIAM ROBERTS 1896. EDE, FRANCIS JOSEPH 1897. G. 1898. M. 1900. ELDGCOME, JAMES EDMUND 1900. EDMONDS, Major RICHARD 105 Colmore Row, Birminghar 106 Chief Engr's. Office, Rly. Dep Brisbane, Queensland. 21 Old Queen St., Westminster 8 Westminster, S.W. 1892. ELLINGTON, EDWARD BAY 1894. ELLIS, ARTHUR 1895. ELLIOTT, GEORGE 1895. ELLIOTT, GEORGE 1896. ELLIS, ARTHUR DEVONSHIRE 1897. ELLIS, ARTHUR DEVONSHIRE 1898. A.M. 1904. M.		,	British Aluminium Co., 109 Queen Victoria Street, E.C.
1892. G. 1893. A.M. 1898. M. 1908. {EDGCOME, JAMES EDMUND} {Boro' Electrical Eng., Kingston-of Thames.} 1908. {EDMONDS, Major Richard JAMES, A.O.D (combe Park, Blackheath, S.E. (combe Park, Blackheath,	1878.	ECKART, WILLIAM ROBERTS	
1898. A.M. 1898. M. 1903. {EDMONDS, Major RICHARD JAMES, A.O.D	1886.	Ede, Francis Joseph	Messrs. Ede Bros., Silchar, Cachar,
EDMONDS, Major RICHARD Combe Park, Blackheath, S.E. Comb	1893. A.M.	EDGCOME, JAMES EDMUND	Boro' Electrical Eng., Kingston-on- Thames.
ALEXANDER			Park Villa, Beaconsfield Rd., West- combe Park, Blackheath, S.E.
1877. 1891. G. 1895. A.M. 1898. M. 1885. G. 1895. M. 1896. ELIERY, HENRY GEORGE 1875. ELLIOTT, Professor Archibald Campbell, D.Sc 1895. ELLIS, Arthur Devonshire 1896. ELLIS, Reginald Eaton 1901. ELLIS, Reginald Eaton 1901. ELLIS, Reginald Eaton 1900. ELMAR JOSEPH JOHN 1898. A.M. 1900. ELMAR JOSEPH JOHN 1899. ELWARDS, WALTER CLEEVE 1895. G. 1896. ELWARDS, WALTER CLEEVE 1897. George 1898. ELLERY, HENRY GEORGE 1898. A.M. 1899. ELLIOTT, GEORGE 1899. Grid George 1999. Grid Geor	1900.	•	105 Colmore Row, Birmingham
1895. A.M. 1898. M. 1895. M. EDWARDS, HERBERT FRANCIS Guildhall Chbrs., Cardiff. 1896. M. EWIN, TOM CHARLES			
1895. M. 1896. EKIN, TOM CHARLES Chief Engr's. Office, Rly. Dep Brisbane, Queensland. 1899. ELFORD, ERNEST JOHN Sea. 1898. ELLERY, HENRY GEORGE Termbank Rd., Redland, Bristo Palace Chbrs., 9 Bridge St., Westminster, S.W. 1892. ELLIOTT, Professor Archibald Campbell, D.Sc Univ. Coll. of S. Wales and Momouthshire, Cardiff. 1895. ELLIS, ARTHUR Ellis, Arthur Devonshire. 1896. A.M. 1904. M. 1898. A.M. 1904. M. 1898. A.M. 1904. M. 1899. ELLIS, REGINALD EATON ELLIS, REGINALD EATON	1895. A.M.		Messrs. Forster, Brown & Rees, Guildhall Chbrs., Cardiff.
Brisbane, Queensland. 1896. Ekin, Tom Charles	. /		
1899. ELFORD, ERNEST JOHN		EDWARDS, WALTER CLEEVE	Brisbane, Queensland.
1898. ELLERY, HENRY GEORGE 1875. {ELLINGTON, EDWARD BAY- ZAND (Vice-President) 1892. {ELLIOTT, Professor Archibald Campbell, D.Sc 1995. ELLIOTT, GEORGE 1901. ELLIS, ARTHUR 1895. ELLIS, ARTHUR DEVONSHIRE 1898. A.M. 1904. M. ELLIS, JESSE 1901. ELLIS, REGINALD EATON 1900. ELLIS, REGINALD EATON Sea. 7 Fernbank Rd., Redland, Bristo Palace Chbrs., 9 Bridge St., West minster, S.W. Univ. Coll. of S. Wales and Mo mouthshire, Cardiff. 131 Limestone Rd., Belfast. Eng. and Manager, Corpn. Electric Light and Tramway Depts., Thayes, Cardiff. Managing Director, Mess Thwaites Bros., Vulcan Involved Works, Bradford. [Invicta Works, St. Peter St., Maistone [Jesse Ellis, Maidstone 2.]; and Oakwood, Sidcup, S. Kent. 1901. ELLIS, REGINALD EATON 1900. ELLIS, REGINALD EATON 1900. ELLIS, REGINALD EATON 1901. ELLIS, REGINALD EATON 1902. ELLIS, REGINALD EATON 1903. ELLIS, REGINALD EATON 1904. Brake Co., 82 York Rd., King Brake Co., 82 York Rd	1896.	EKIN, TOM CHARLES	(S.W.
1898. ELLERY, HENRY GEORGE 1875. (ELLINGTON, EDWARD BAY- ZAND (Vice-President) 1892. (ELLIOTT, Professor Archibald CAMPBELL, D.Sc 1895. ELLIOTT, GEORGE 1901. ELLIS, ARTHUR 1895. ELLIS, ARTHUR DEVONSHIRE. 1898. A.M. 1904. M.) 1898. A.M. 1904. ELLIS, JESSE 1901. ELLIS, REGINALD EATON 1900. ELLIS, REGINALD EATON 7 Fernbank Rd., Redland, Bristo (Palace Chbrs., 9 Bridge St., Wes minster, S.W. Univ. Coll. of S. Wales and Mo mouthshire, Cardiff. 131 Limestone Rd., Belfast. Eng. and Manager, Corpn. Electric Light and Tramway Depts., Thayes, Cardiff. Managing Director, Mess Thwaites Bros., Vulcan Involved Works, Bradford. [Invicta Works, St. Peter St., Maiston (Jesse Ellis, Maidston 2.]; and Oakwood, Sidcup, S. Kent. 1901. ELLIS, REGINALD EATON 1902. ELLIS, REGINALD EATON 1903. ELLIS, REGINALD EATON 1904. ELLIS, REGINALD EATON 1905. The results of the property	1899.	Elford, Ernest John	,
TAND (Vice-President) minster, S.W. ELLIOTT, Professor Archibald Univ. Coll. of S. Wales and Momouthshire, Cardiff. 1895. ELLIOTT, GEORGE 131 Limestone Rd., Belfast. Eng. and Manager, Corpn. Electric Light and Tramway Depts., Thayes, Cardiff. Managing Director, Mess Thwaites Bros., Vulcan Invokas, Bradford. 1898. A.M. Ellis, Jesse 1904. M. 1899. Ellis, Reginald Eaton 1906. Ellis, Reginald Eaton 1907. Ellis, Reginald Eaton 1908. 1909. 1909. Ellis, Reginald Eaton 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1909. 1	1888.		7 Fernbank Rd., Redland, Bristol.
1892. {Elliott, Professor Archibald Campbell, D.Sc	1875.		
1895. ELLIST, GEORGE 131 Limestone Rd., Belfast. Eng. and Manager, Corpn. Electric Light and Tramway Depts., Thayes, Cardiff. Managing Director, Mess Thwaites Bros., Vulcan In Works, Bradford. Invicta Works, St. Peter St., Manager, Works, St. Peter St., Manager, Manager, St. Peter St., Manager, St. Peter St.	1892.		Univ. Coll. of S. Wales and Mon-
1901. ELLIS, ARTHUR Light and Tramway Depts., T. Hayes, Cardiff. Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. [Invicta Works, St. Peter St., Maistone [Jesse Ellis, Maidstone 2.]; and Oakwood, Sideup, S. Kent. [Patent, London. Holborn 24] Works Manager, Westinghout Brake Co., 82 York Rd., King	1895.		131 Limestone Rd., Belfast.
Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Thwaites Bros., Vulcan Ir Works, Bradford. Invicta Works, St. Peter St., Managing Director, Mess Stone [Jesse Ellis, Maidston 2.]; and Oakwood, Sideup, S. (Kent.) [Patent, London. Holborn 24] Works Manager, Westinghouted Brake Co., 82 York Rd., King	1901.	ELLIS, ARTHUR	Eng. and Manager, Corpn. Electric Light and Tramway Depts., The
1895. ELLIS, ARTHUR DEVONSHIRE Thwaites Bros., Vulcan Ir Works, Bradford. [Invicta Works, St. Peter St., Maistone [Jesse Ellis, Maidstone 2.]; and Oakwood, Sideup, S. Kent. 1901. ELLIS, REGINALD EATON [Patent, London. Holborn 24] [Works Manager, Westinghout Brake Co., 82 York Rd., King			
1898. A.M. 1904. M. ELLIS, JESSE	1895.	ELLIS, ARTHUR DEVONSHIRE	Thwaites Bros., Vulcan Iron
1904. M.) ELLIS, JESSE 2 2.]; and Oakwood, Sidcup, S. Kent. 1901. ELLIS, REGINALD EATON {70 and 72 Chancery Lane, W. [Patent, London. Holborn 24] {Works Manager, Westinghout Brake Co., 82 York Rd., King	1898 A M)	Invicta Works, St. Peter St., Maid-
1901. ELLIS, REGINALD EATON (70 and 72 Chancery Lane, W. [Patent, London. Holborn 24] (Works Manager, Westinghout Brake Co., 82 York Rd., King		> PLILIE A PRESE	2.]; and Oakwood, Sideup, S.O.,
Works Manager, Westinghout Brake Co., 82 York Rd., King	1901.	ELLIS, REGINALD EATON	[70 and 72 Chancery Lane, W.C. [Patent, London. Holborn 243.]
Waverley Rd., Crouch End, N	1900.	Elmer, Joseph John	Works Manager, Westinghouse Brake Co., 82 York Rd., King's Cross, N.; and Ethelmar House, Waverley Rd., Crouch End, N.

and of Transfer	•	
1902.	ELPHINSTONE, GEORGE KEITH BULLER	(14 Sussex Mansions, South Kensington, S.W.
1897.	Elsworth, John Francis	General Works Manager, Egyptian Salt and Soda Co., Alexandria,
1890.	ENGLISH, LtColonel THOMAS, R.E., ret.	Hawley, Dartford.
1894. 1894.	English, Thomas Matthew Ennor, Charles John	Eastonville, Horeham Road, Sussex. Hollywood, Liskeard.
1900. A.M.) 1906. M.)		Thane Works, Fountayne Rd., Broad Lane, Tottenham, N. [Icerimus, London. 63 Tottenham.]
1897. A.M.) 1904. M.)		Milky Way Mine, Golden Valley, Rhodesia.
1901.	ERICHSEN, FREDERIK OLE	Messrs. Simpson & Co., 101 Gros- venor Rd., Pimlico, S.W.
1907.	ERMEN, BERNHARD GODFREY	Chief Eng., English Sewing Cotton Co., 1 Mount St., Manchester.
1890.	Esson, John	Chatteris Engineering Works, Chatteris, S.O., Cambridgeshire.
1884.	ETHERINGTON, JOHN	39A King William St., London Bridge, E.C.
1906.	Evans, David Llewellin	120 Bute St., Cardiff.
1906.	Evans, John	Deputy Genl. Manager, Messrs. Guest, Keen & Nettlefolds, Dowlais Iron Works, Dowlais.
1907.	Evans, Lewis	96-98 Leadenhall St., E.C.
1904. A.M.) 1906. M.)	Evans, Malcolm Thomas	51 Queen Sq., Bristol.
1905. M.)	EVERETT, Professor WILFRED HERMANN	Sibpur Engineering Coll., Howrah, Bengal.
1887.	EVERITT, NEVILL HENRY	Messrs. Thomas Piggott & Co. Atlas Works, Birmingham; and Bonehill House, Tamworth.
1897.	Evers, Joseph Henry	Genl. Manager, Messrs. Manning, Wardle & Co., Boyne Engine Works, Hunslet, Leeds. [Man- ning, Leeds.]
1894. A.M.) 1896. M.)	EWEN, JOHN TAYLOR, F.R.S.E.	H.M. Inspector of Schools (Science and Art) for N. Divn. of Scotland: 104 King's Gate, Aberdeen.
1891.	EWING, JAMES ALFRED, C.B., LL.D., F.R.S	Froghole, Edenbridge. [Ewing, Crockham-Hill.]
1890.		(Messrs, Chubb & Son, 128 Queen
	EXTON, GEORGE GASKELL	Messrs. Chubb & Son, 128 Queen Victoria St., E.C.
	EXTON, GEORGE GASKELL	Victoria St., E.C.
1881.	FARRAR, SIDNEY HOWARD	Victoria St., E.C. 4 London Wall Buildings, E.C.
1881. 1901.		4 London Wall Buildings, E.C. Chief Eng. and Manager, Corpn. Electric Supply Dept., Com-
	FARRAR, SIDNEY HOWARD	4 London Wall Buildings, E.C. (Chief Eng. and Manager, Corpn.

-			Chief Officer, L.C.C. Tramways,
1901.	{FELL, AUBREY	Y LIEWELLYN	62 Finsbury Pavement, E.C.; and Long Wall, Walton-on-
			Thames. (1 Queen Victoria St., E.C. [Lode-
1876.	FELL, JOHN C	ORRY	[stone, London. 317 Bank.]
1892.	FENWICK, JAM	ES	19 Bridge St., Sydney, N.S.W. [1038.]
1908.		MES STRATHEARN	Messrs. Alex. Findlay & Co., 9 Victoria St., Westminster, S.W.
1907. 1903. 1909.	FERGUSON, MI A.M.) FERGUSON, I M.) RESTER	RUSSELL FOR-	Gordon St., Footscray, Victoria. Boro' Electrical Eng., Hastings Corpn., Earl St., Hastings.
1881.	FERGUSON, W	ILLIAM	85 Coromandel St., Wellington, N.Z.
1896.	FERGUSON, W	ILLIAM DEEBLE	3 Mount Delphi, Antrim Rd., Belfast.
1900.	FEBRANTI, SEB	ASTIAN ZIANI DE	Grindleford Bridge, Sheffield.
1909.	FERRIER, Pro	fessor Robert	The University, Bristol.
1906.	FIELD, BASIL		16 Chatsworth Rd., Brighton.
1874.	FIELDING, JOE	IN	Atlas Iron Works, Gloucester. [Atlas, Gloucester.]
1891.	FINLAYSON, FI	INLAY	Atlas Works, Airdrie.
1902. 1905.	A.M.) FINNIE, WILL	IAM	Messrs. Howarth, Erskine Ltd., Shanghai, China.
1899.	FIRTH, AMBRO	SE	Messrs. Walker, Eaton & Co., Wicker Iron Works, Sheffield. [Founder, Sheffield. 373.]
1897.	Fish, Sylvest	CER ROBERT	Messrs. F. Street & Co., Palacio da Flôr da Murta, 156 Rua do Pcço dos Negros 158, Lisbon, Portugal,
1889.	FISHER, HENR	Y BEDWELL	Elstow, Craneswater Avenue, Southsea, Portsmouth.
1888.	RICE FREDE		Queen's College, Belfast.
1902.	FITZMAURICE, C.M.G		Chief Eng., L.C.C., Spring Gardens, S.W.
1877.		JAMES FORTES-	9 Fenchurch St., E.C. [Avenue 338.]
1898.	A.M.) FLETCHER HA	ROLD CLARKSON	Messrs. Johnson & Fletcher, P.O.
1905. 1892.	M. 5 2 222 222 22 22 22 22 22 22 22 22 22		Box 224, Bulawayo, Rhodesia.
1894. 1906.	A.M. FLETCHER, JOHN.	SEPH ERNST	Messrs. N. Hingley & Sons, Nether- ton Iron Works, Dudley.
1902.	FLETCHER, WI	LLIAM	Co-operative Wholesale Society, Blandford St., Newcastle-on-
1902. 1905.	A.M. FLETCHER, WI	LLIAM CHARLES	Govt. Model Workshops, Boulac, Cairo, Egypt.
1901.	FLINDT, ERNE	st Just	[Morel's Chambers, Cardiff. [Shaft, Cardiff.]
1908.	FLOCKTON, BE	NJAMIN PERCY	Messrs. Manlove Alliott & Co., Nottingham.
1902.	Foggo, Watso	N	General Manager, Yorks. Engine Co., Meadow Hall Works, Shef- field.

1908.	FOORD, JOHN KILBY	Kinaston Works, Oakley St., Lambeth, S.E.
1882.	FORBES, DAVID MONCUR	The Gables, Cults, Aberdeen.
1895. A.M		Loco. Supt., F.M.S. Rlys., Kuala
1902. M	•)	Lumpor, Malay Peninsula.
1882.	FORBES, WILLIAM GEORGE LOUDON STUART	Chief Mechanical Eng., H.M. Mint, Calcutta.
1900	FORD, THOMAS WHARTON	Queen Anne's Chambers, Tothill St., Westminster, S.W. [3400]
1899.	FORD, THOMAS WHARTON	St., Westminster, S.W. [3400]
1902.	FORREST, PETER	Messrs. Price, Wills & Reeves,
1502.	PORRESI, LEIER	Contractor's Office, Bombay.
1888.	FORSTER, ALFRED LLEWELLYN	Eng., Newcastle and Gateshead Water Works, Newcastle-on-
1000.	PORSIER, ALERED HOUNEDDIN	Tyne.
1889.	FOSTER, HERBERT ANDERTON	Black Dike Spinning Mills, Queens-
	(Life Member)	bury, Bradford.
1884. 1896. A.M	FOSTER, JOHN SLATER	39 Bloomsbury St., Birmingham. Chief Mech. Engineer, Midland
1897. M		Rly., Derby.
1898. A.M.	> COWLER PERCY MERWOOD	JP.O. Box 1876, Johannesburg,
1904. M	.)	Transvaal. (Steam Plough and Loco. Works,
1894.	FOWLER, ROBERT HENRY	Leeds. [Fowler, Leeds.]
1906.	FOWLER, THOMAS WALKER	(421 Collins St., Melbourne, Vic-
1900.	FOWLER, THOMAS WALLER	toria.
1885.	FOWLER, WILLIAM HENRY	53 New Bailey St., Manchester; and Sale Lodge, Sale, Man-
1000.	E Off Little, William Telefit	chester.
1900,	Fox, Charles Heyland	Alderman's House, Bishopsgate,
20001	L'OR, CHARLES LIETERE	Cross Voys House 56 Moorgate St
1866.	Fox, Sir Douglas	Cross Keys House, 56 Moorgate St., E.C.
		Messrs. G. J. Worssam & Son,
1899. A.M.	> DUX DENEY SHOULBERED	Wenlock Rd., City Rd., N.
1904. M.	,),	[Massrow, London. King's Cross 677.]
		Mech. Eng., Manchester Ship Canal
1901.	Fox, WILLIAM	Co., 41 Spring Gardens, Man-
1905.	Fox, William	chester. [688 and 1077.] 5 Victoria St., Westminster, S.W.
1900.	FOX, WILLIAM	(Hatcham Iron Works, Pomeroy St.,
1884.	FRAMPTON, EDWIN	New Cross Rd., S.E. [Oxygen,
		[London.] [Mort's Dock and Engineering Co.,
1885.	FRANKI, JAMES PETER	Mort's Bay, Sydney, N.S.W.
		Chief Electrical Eng., Bengal-
1902.	FRANKLIN, EDWARD STANLEY	Nagpur Rly., Khargpur, Midna-
		pur, Bengal. Millwall Boiler Works, Millwall,
1904.	FRASER, HARRY JOHN	E. [Highpressure, London. 71
		Eastern.]
1899.	FRASER, PATRICK	Westburn Foundry, Arbroath.
1909.	Fraser, Samuel Edger	Suptg. Eng., Waihi Gold Mining Co., Waikino, New Zealand.
1906.	FRY, LAWFORD HOWARD	64 Rue de la Victoire, Paris.
1900.	FUJII, Eng. Capt. TERUGORO,	Yokosuka Naval Dockyard, Sagami,
	(I.J.N.	Japan.

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1891.	FULLER, CHARLES FREDERICK	(F. C. Sud, Via y Obras, Plaza Constitucion, Buenos Aires, Arg. Rep. (Albion Motor Car Co., South St.,
1905. A.M.) 1908. M.)		Scotstoun, Glasgow; and Balla- geich, South Brae Drive, Scots- tounhill, Glasgow.
1897. A.M.) 1901. M.)	FURNESS, CHARLES	Boro' Electrical and Tramway Eng., Electricity Dept., Blackpool.
1908.	FYVIE, WILLIAM	34 Queen St., Melbourne, Victoria.
1890.	GADD, WILLIAM	Dist. Loco. Supt., G.S. and W. Rly., Limerick.
1909. 1906.	GADSBY, CHARLES HERBERT	20 Victoria St., Westminster, S.W. Royal Stuart Buildings, Cardiff.
1898.	GANDY, FREDERICK	Staveley Coal and Iron Co., Chester- field.
1884.	GANGA RAM, Rai Bahadur, C.I.E	Superintending Engineer, Patiala, India.
1899.	GARDNER, WILLIAM	Vauxhall and West Hydraulic Engineering Co., 45 Leadenhall St., E.C. [Vaporiform, London. Avenue 800.]
1900. A.M.) 1907. M.)	GARLAND, FREDERICK JOSEPH	Genl. Mangr., Water Works, Frim- ley Green, Farnborough, Hants.
1891. 1899.	GARRARD, CHARLES RILEY GARRARD, GEORGE MINGAY	49 Moorgate, Rotherham. [445.] Broseley, Shropshire.
1901. A.M.) 1908. M.)		Messrs. Jacobs & Barringer, 78 Gracechurch St., E.C.
1902.	GARRATT, HERBERT WILLIAM	Messrs. Beyer Peacock & Co.,
1896. A.M.)	Consent Toront	Gorton Foundry, Manchester. Genl. Manager, Singapore Electric
1905. M.)	GARRATT, JAMES HERBERT	Tramways Co., Mackenzie Rd., Singapore, Straits Settlements.
1882.	GARRETT, FRANK	[Leiston Works, Leiston, R.S.O., Suffolk. [Garrett, Leiston.]
1898. A.M.) 1901. M.)	Gass, John	Engr's. Office, The Tower Bridge, 9 Horselydown Lane, S.E.
1900. A.M.) 1906. M.)	Gaston, Alfred Benjamin	Taku Tug and Lighter Co., Taku, North China.
1894.	GATEHOUSE, TOM ERNEST	4 Ludgate Hill, E.C. [Ageekay. London. Holborn 933.]
1901. A.M.) 1909. M.	GAWTHORNE, WILLIAM ARTHUR	Kohinoor Mills Co., Bombay, India.
1888.	GAZE, EDWARD HENRY JAMES	170 Prospecthill Rd., Victoria Drive, Mount Florida, Glasgow.
1902.	GEBBIE, JOHN	Messrs. Howarth Erskine and Co., Singapore, Straits Settlements.
1888.	Geddes, Christopher	[10 Drury Lane, Water St., Liverpool.]
1903. A.M.) 1908. M.)	GEE, THOMAS JOHN	Suptg. Eng., Messrs. Agar, Cross & Co., 186 Calle Defensa, Buenos Aires, Arg. Rep.
1903.	GELLING, JOHN WELSBY	Apartado 593, Mexico City, Mexico. (Consulting Eng., Messrs. A.
1880.	GEOGHEGAN, SAMUEL	Guinness Son and Co., St. James' Gate Brewery, Dublin; and The Grove, Killiney, Co. Dublin.
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1908.	GEREBIATEFF, Colonel JOHN THEODORE, I.R.A	Ockhta Gunpowder Works, St. Petersburg, Russia.
1896.	GERMAN, WALTER HUSSEY	Colonial Sugar Refining Co., O'Connell St., Sydney, N.S.W.
1898. 1905. 1908.	A.M. GIBB, MAURICE SYLVESTER	Central Marine Engine Works, West Hartlepool.
1871.	GIBBINS, RICHARD CADBURY	Berkley St., Birmingham. [Gibbins, Birmingham.]
1904.	GIBBONS, WILLIAM FREDERICK	240 Calle Acevedo, Lomas de Zamora, F.C.S., Buenos Aires, Arg. Rep. (Messrs. Brown Brothers and Co.,
1901.	GIBBONS, WILLIAM GREGORY	Rosebank Iron Works, Edinburgh.
1902.	GIBBS, GEORGE JAMES	7 Lune St., Preston. [114.]
1901.	GIBBS, JOHN HENRY	Britannia Iron Works, Observatory, Cape Town, Cape Colony.
1906.	GIBSON, DAVID	Lancs. and Yorks. Rly. Offices, Horwich, Lancs.
1909.	GIBSON, GEORGE ARTHUR	(c/o Messrs. Thos. Cook & Son, Bombay, India.
1899.	GIBSON-SUGARS, Eng. Com- mander John Sugars, R.N.	c/o of Messrs. Cammell Laird and Co., Birkenhead.
1883.	GILCHRIST, PERCY CARLYLE, F.R.S. (Life Member)	Frognal Bank, 250 Finchley Road, N.W.
1898.	GILES, BENJAMIN	Divl. Supt., G.W.R., Newton Abbot.
1900. 1904.	A.M. GILLING, ARTHUR HEWITT	Genl. Mangr., Messrs. W.G.Bagnall, Castle Engine Works, Stafford.
1884.	GIMSON, ARTHUR JAMES	Engine Works, Vulcan St., Leicester. [Gimson, Leicester. 6.]
1881.	GIRDWOOD, WILLIAM WALLACE	12 Cowly Rd., Cranbrook Park, Ilford.
1896. 1906.	M.) GIVEN, ERNEST CRANSTON	{17 Water St., Liverpool; and 4 Hargreaves Rd., Liverpool.
1896.	(GLASGOW, ARTHUR GRAHAM) (Life Member)	1 55 VICEOTIA SE. WASEITHINSER S. W.
1898.	GLEN, DAVID CORSE	5 Lombard Street, E.C.
1905.	Godfrey, Arthur Samuel	Studley Villas, Bramhall, Stock-port.
1880.	Godfrey, William Bernard	Beaconhill Park, Hindhead, Haslemere, Surrey.
1877.	GOODBODY, ROBERT	Clashawaun Jute Factory, Clara, Moate, Ireland.
1908.	GOODCHILD, WALTER CUL-	
1875.	GOODFELLOW, GEORGE BEN	The Lowe, Buglawton, Congleton.
1901. 1890.	GOODIER, FRANK	Caixa Postal 392, São Paulo, Brazil. The University, Leeds.
1899.	GOODWIN, ALBERT BEECHAM	(Artillery Mansions, 75 Victoria St.,
1889.	GOOLD, WILLIAM TOM	S.W. Zetland Chbrs., King St.,
	,	Gloucester. (Marine Supt., China Manilla Steam-
1901.	Gordon, Alexander Grant	ship Co., Hong Kong; and c/o Messrs. Shewan, Tomes and Co., Hong Kong, China.
1902.	GRAHAM, CHARLES KNOTT	{c/o Messrs. R. M. Alexander & Co., 24 Coleman St., E.C.

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1904.	A.M. M.
1901. 1894.	A.M.)

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1898. 1904.	A.M.)	GRAHAM, HUBERT BERGER .	9 Kenilworth Court, Putney, S.W.
1901.	212.)	GRAHAM, JESSE	Craggwood House, Horsforth, Leeds.
1894. 1896.	A.M.)	GRAHAM, MAURICE	115 Ashley Gardens, S.W.
1896.	ш.,	GRAHAM, ROBERT	
	A.M.)	GRAHAM, WALTER	Managing Director, Messrs. John Hastie and Co., Kilblain Engine
1905.	M.		Works, Nicholson St., Greenock. [Hastie, Greenock. 133.] [5 Queen Anne's Gate, Westminster,
1900.		GRAHAM, WILLIAM VAUX	S.W. [Grallator, London. West- minster 656.]
1904.		GRANGE, ROBERT BURNS	c/o C. A. MacDonald, Hercules Refrigeration, 63 Pitt St., Sydney, N.S.W.
1900.		GRANT, LEWIS	Dunnikier Foundry, Kirkcaldy. [Douglas, Kirkcaldy. 105.]
1886. 1892.	G. }	GRANT, PERCY	(519 B. Mitre, 2° Piso, Buenos Aires,
1895.	212.0)	GRANT, THOMAS MAXWELL	(17 Albert Drive, Pollokshields,
	A.M.)	GRAY, ALEXANDER CUTHILL	Rock Bank House, Hunter's Quay,
1901. 1891.	M.	GRAY, GEORGE MACFARLANI	(Airii, S.O., Argynsiiro.
1905.	1	(Life Member) GRAY, JAMES	Cork. 47 Polwarth Gardens, Edinburgh.
1879.		GRAY, THOMAS LOWE (Life	The Manse, Babbacombe Rd.,
		(Member)	Torquay.
1900.		GREAVEN, ANDREW AUGUSTINI	(Duenos Aires, Arg. Rep.
1898.		GREAVEN, LOUIS	Buenos Aires Great Southern Rly., Plaza Constitucion, Buenos Aires, Arg. Rep.
1902.		GREAVES, WILLIAM	28 Bond Street, Leeds. [1195.]
1861.		Green, Sir Edward, Bart	Phœnix Works, Wakefield. (Managing Director, Messrs. R. &
1903.		GREEN, EDWARD WILLIAM	H. Green, Blackwall Yard, Blackwall, E. [Green, Blackwall,
			London. 203 Eastern.]
1907.		GREEN, HENRY	Netherton, Dudley.
1901.		GREEN, THOMAS	Messrs. Steel, Peech & Tozer, The Ickles, Rotherham.
1893.		GREEN, WILLIAM PENBOSE	Messrs. Thomas Green & Son, Smithfield Iron Works, Leeds. [Smithfield, Leeds. Central 158.]
1901.		GREENHILL, THOMAS ARTHUR	20 1 40 FIT 3 FIT TO 1
1878.		GREENWOOD, ARTHUR	Messrs. Greenwood & Batley, Albion Works, Leeds.
1894.		GREGORY, HORACE MARK	Messrs. Brown, Lenox & Co., 9 Martin's Lane, Cannon St., E.C.; & Southcots, Peaslake, Guildford.
1907.		GREIG, JAMES SIME	Britannia Engine & Boiler Works, East Dock St., Dundee.
1892.		GRESHAM, HARRY EDWARD .	Craven Iron Works, Salford, Man-
		_	chester. [Brake, Manchester. 613.]

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1880. Gresham, James	Oraven Iron Works, Salford, Manchester. [Brake, Manchester. 613.]
C T Negro	Carr. and Wagon Supt., G.N.R.,
1907. Gresley, Herbert Nigel	Doncaster.
1905. Grew, Frederick William	Sudbury, Suffolk. (54 Parliament St., Westminster,
1895. GRIFFITH, PERCY	S.W.
1908. GRIFFITH, THOMAS HENRY	3 Avenue Pasteur, Algiers.
1873. A. GRIFFITHS, JOHN ALFRED	Patent Office, Melbourne, Victoria. (Genl. Manager, Messrs. McKenzie
1900. A.M.) GRIFFITHS, WILLIAM JOHN	& Holland, Semaphore Iron Works, Newport, Melbourne, Victoria.
1907. GRIGGS, WILLIAM JAMES	{c/o Mrs. Guthrie, Elstree, S.O., Herts.
1906. GRIMSHAW, GEORGE WILLIAM	Managing Director, Messrs. Peter Pilkington, Dowry Iron Works, Bamber Bridge, Preston.
1889. GRIMSHAW, JAMES WALTER	St. Stephen's Club, Westminster, S.W.
1906. Grindley, John Henry, D.Sc.	Principal, Govt. Engineering School, Ghizeh, Cairo, Egypt.
1898. Grover, Frederick	Forgrove Machinery Co., Admiral St., Dewsbury Rd., Leeds. [Forgrove, Leeds. 743.]
1907. GROVES, WILLIAM RICHARD	Supt. Eng., G.N. Steamship Fishing Co., St. Andrew's Dock, Hull.
1898. Guest, Charles Henry	134 London Rd., Derby. [Garage, Derby. 47 Y Derby.]
1884. GULLAND, JAMES KER	Diamond Drill Co., 8 Victoria St., Westminster, S.W. [Gulland, London.]
1870. {Gwynne, James Eglinton Anderson (Life Member)	Folkington, Polegate, R.S.O., Sussex.
1870. Gwynne, John	Hammersmith Iron Works, Hammersmith, W.; and 81 Cannon St., E.C. [Gwynne, London.]
1902. HAARER, ERNEST DU CHAILLU	London Hydraulic Power Co., Palace Chbrs., 9 Bridge St.,
1907. HABERLAND, REINHOLDWALTER	Westminster, S.W. 24 Friedrich Strasse, Berlin.
1004 II. and Western Newson	Messrs. G. N. Haden & Sons, St.
1904. HADEN, WILLIAM NELSON	George's Works, Trowbridge. [Haden, Trowbridge. 2.]
1888. {HADFIELD, Sir Robert Abbott, F.R.S. (Member of Council)	Hecla Foundry Steel Works, Sheffield [Hadfield, Sheffield.]; and 28 Hertford St., Mayfair, W. [2400 Gerrard.]
1902. HAGGIE, ROBERT HOOD, Jun.	Tyne Holme, Wealdstone, S.O., Middlesex.
1895. A.M. HAINES, CHARLES JAMES	Rogate House, Worple Road, Wimbledon, S.W.
	•

1907. HAIR, CHARLES LOGAN 1908. HALCOMB, SYDNEY BROUGHTON 1897. (UNINGHAME 1905. A.M.) 1906. M.) 1908. HALL, ARTHUR HENRY 1894. HALL, JOHN PERGY 1898. HALL, JOHN PERGY 1899. HALL, THOMAS BERNARD 1890. HALL, THOMAS BERNARD 1890. HALL, Eng. Lieut. WILLIAM 1890. HALLETT, JOHN HARRY 1898. HALL-BROWN, EBENEZER 1898. HALL-BROWN, EBENEZER 1898. HALLETT, JOHN HARRY 1898. HALSTEAD, JOHN HENRY 1899. HALSTEAD, JOHN HENRY 1899. HAMILTON, GEORGE CLAUDE 1900. HAMI	-		(Chief Eng., Cruiser "Almirante
Haldome, Sydney Broughton Sheffield. [Sanderson, Sheffield. 69.]	1907.	HAIR, CHARLES LOGAN	Gran," Callao, Peru.
Hill, Hampstead, N. W. Mechanical Engineer's Office, Royal Arsenal, Woolwich. Messrs. Platt Brothers & Co. Hartford New Works, Oldham. Carville, Lawrie Park Rd., Sydenham. S. E. Hall, John Willim Temple Row, Birmingham. Exec. Eng., Municipal Offices, Bombay. Ringston Mills, Hyde. Hall, Joseph Hal	1900.	HALCOMB, SYDNEY BROUGHTON	Sheffield. [Sanderson, Sheffield.
1906. M.) Hall, Arthur Henry Hall, Henry Platt Hall, John Percy Hall, John Willim Ti Temple Row, Birmingham. Exec. Eng., Municipal Offices, Bornbay. Kingston Mills, Hyde. Hope Foundry, Bury, Lancs.; and I Tenterden St., Bury, Lancs. King's Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgaston, Birmingham. Hall, Eng. Lieut. William Hall-Brown, Ebenezer Hall-Brown, Ebenezer Hallett, John Harry Halpin, Druitt Halpin, Druitt Halstead, Arthur Frederic Grorge Sison Hamilton, Hugh Primrose Hamilton, Hogh Eric Hamilton, Robert Hamilton, Robert Hammond, Walter John Hammond, Robert Hammond, Walter John Hammond, Walter John Hammond, Walter John Hammond, London. S94 Victoria.] The Grange, Knockholt, Sevenoaks. Hammond, Nobert Hammond, London. S94 Victoria.] Hammond, London. S94 Victoria.] The Grange, Knockholt, Sevenoaks. Edgeley, 141 Walt Lanc, Cricklewood, N.W. Messrs. A Rodger & Co., St. Helen's Engine Works, Govan, Glasgow. [Triple, Glasgow.] Triple, Glasgow.] 1890. Hamilton, George Claude Hamilton, Hugh Primrose Hammond, London. S94 Victoria.] The Grange, Knockholt, Sevenoaks. Hammond, London. S94 Victoria.] The Grange, Knockholt, Sevenoaks. Edgeley, 141 Walt Lanc, Cricklewood, N.W. Messrs. A Rodger & Co., St. Helen's Engine Works, Govan, Glasgow. [Triple, Glasgow.] 123 Bute St., Cardiff. [Consulting, Cardiff.] Triple, Glasgow.] 123 Bute St., Cardiff. [Consulting, Cardiff.] 124 Wieteria St., Westminster, S.W. Hall-Brown, Hugh Primrose Hall-Brown, Hugh Primrose Hall-Brown, Hugh Primrose Hall-Brown, Hugh Primrose Hall-Brown, Beert Hall-Brown, Hugh Primrose Hall-Brown, Hugh Primrose Hall-Brown, Ledut. William Hugh Primrose Hall-Brown, Hugh Primrose Hall-Brown, Ledut. William Lanc, Crickle-wo	1897.) IIIIII	Hill, Hampstead, N.W.
Mast. Hall, Henry Platt Messrs. Platt Brothers & Co., Hartford New Works, Oldham. Carville, Lawrie Park Rd., Sydenham, S.E. Themple Row, Birmingham. Exec. Eng., Municipal Offices, Bombay. Hall, Joshua Sombay. Hall, Joshua Sombay. Hall, Goscar Standering Hall, Goscar Standering Hall, Thomas Bernard Tenterden St., Bury, Lancs.; and 1 Tenterden St., Bury, Lancs. Sombay. Hall, Thomas Bernard Tenterden St., Bury, Lancs. Sombay. Honga Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgbaston, Birmingham. Hall, Eng. Lieut. William H.M.S. "Thetis," Portsmouth. Messrs. A. Rodger & Co., St. Helen's Engine Works, Govan, Glasgow. Triple, Glasg			Arsenal, Woolwich.
Hall, John Willim 1903. Hall, Joseph	,	HALL, HENRY PLATT	Hartford New Works, Oldham.
1882. Hall, John Willim 71 Temple Row, Birmingham. 1903. Hall, Joseph Exec. Eng., Municipal Offices, Bombay. 1890. Hall, Oscar Standbing Kingston Mills, Hyde. Hall, Thomas Bernard .	1881.	HALL, JOHN PERCY	
Bombay. Hall, Joshua Bombay. Kingston Mills, Hyde Hope Foundry, Bury, Lancs.; and 1 Tenterden St., Bury, Lancs. King's Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgbaston, Birmingham; and Ingleside, Sandon Rd.	1882.	HALL, JOHN WILLIM	71 Temple Row, Birmingham.
Hall, Joshua Kingstom Mills, Hyde. Hope Foundry, Bury, Lancs.; and 1 Tenterden St., Bury, Lancs.; and 1 Tenterden St., Bury, Lancs.; and 1 Tenterden St., Bury, Lancs. King's Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgbaston, Birmingham.] 1895. G. Hall, Eng. Lieut. William 1900. M. Basser, R.N	1903.	HALL, JOSEPH	
1 Tenterden St., Bury, Lancs. King's Court, Colmore Row, Birmingham; and Ingleside, Sandon Rd., Edgbaston, Birmingham.] 1895. G. Hall, Eng. Lieut. William Brasier, R.N	1903.	HALL, JOSHUA	Kingston Mills, Hyde.
1874. HALL, THOMAS BERNARD 1895. G. HALL, Eng. Lieut. WILLIAM BRASIER, R.N	1890.	Hall, Oscar Standring	1 Tenterden St., Bury, Lanes.
1895. G. HALL, Eng. Lieut. WILLIAM BRASIER, R.N. 1889. HALL-BROWN, EBENEZER (Messrs. A. Rodger & Co., St. Helen's Engine Works, Govan, Glasgow. [Triple, Glasgow.] 1880. HALLETT, JOHN HARRY (Triple, Glasgow.] 1871. HALPIN, DRUITT (HALPIN, London. 880 Victoria.] 1898. HALSTEAD, ARTHUR FREDERICK (Halpin, London. 880 Victoria.] 1895. HALSTEAD, JOHN HENRY (Halpin, London. 880 Victoria.] 1896. HAM, FREDERIC GEORGE SISON (Tringlewood, Irlam Rd., Sale, Manchester. 1897. La Administracion, F. C. Central del Uruguay, Monte Video, Uruguay. 1908. A.M. HAM, FREDERIC GEORGE SISON (Victoria.) 1909. HAMILTON, GEORGE CLAUDE (Salk Bay House, Kalk Bay, vid. Cape Town, Cape Colony. Halstead, Headingley, Leeds. (Messrs. Blair & Co., Stockton-on-Tees. (Controller's Dept., Admiralty, Whitehall, S.W. (32 Raffles Place, Singapore, Straits Settlements. (34 Victoria.) 1899. HAMMOND, ROBERT (1896. HAMMOND, WALTER JOHN (1896. HANDURY, JOHN JAMES) (Messrs. Holmes & Co., Examiner Messrs. Holmes & Co., Examiner	1874.	HALL, THOMAS BERNARD	mingham; and Ingleside, Sandon Rd., Edgbaston, Birming-
1889. HALL-BROWN, EBENEZER 1889. HALL-BROWN, EBENEZER 1880. HALLETT, JOHN HARRY 1871. HALPIN, DRUITT 1898. HALSTEAD, ARTHUR FREDERIC GEORGE SISON 1895. HALSTEAD, JOHN HENRY 1903. A.M. 1905. M. 1909. HAMILTON, GEORGE CLAUDE 1909. HAMILTON, GEORGE CLAUDE 1909. HAMILTON, HUGH PRIMROSE 1901. G. HAMILTON, Eng. Lieut. JOHN, 1904. M. 1904. M. 1904. M. 1904. M. 1904. M. 1904. HAMILTON, ROBERT 1899. HAMILTON, ROBERT 1890. HAMILTON, ROBERT 1890. HAMILTON, WILLIAM DAVID 1890. HAMMOND, WALTER JOHN 1890. HAMMOND, WALTER JOHN 1890. HANDURIDE 1800. Cardiff.] 17 Victoria St., Westminster, S.W. (Hammond, Hondon. 96 Victoria.) 1801. Cardiff.] 17 Victoria St., Westminster, S.W. (Hammond, Hondon. 96 Victoria.) 1890. HAMILTON, GEORGE CLAUDE 1890. HAMILTON, WILLIAM DAVID 1890. HAMMOND, WALTER JOHN 1890. HAMMOND, WALTER JOHN 1890. HANDURIDE 1890. Cardiff.] 1891. Cardiff.] 1891. Works, Govan, Glasgow. 1892. HALLETT, JOHN HARRY 1893. HELETT, JOHN HARRY 1894. HALLETT, JOHN HARRY 1894. HAMILTON, Eng. Lieut. John, Tees. 1895. Cardiff.] 1896. HALLETT, JOHN HARRY 1897. HALLETT, JOHN HARRY 1898. HALLETT, JOHN HARRY 1898. HALLETT, JOHN HARRY 1899. HAMILTON, Eng. Lieut. John, Tees. 1899. HAMILTON, GEORGE CLAUDE 1899. HAMILTON, Eng. Lieut. John, Tees. 1899. HAMILTON, GEORGE CLAUDE 1899. HAMILTON, GEORGE C			,
1889. Hall-Brown, Ebenezer Engine Works, Govan, Glasgow. [Triple, Glasgow.] 1880. Hallett, John Harry [23 Bute St., Cardiff.] [Consulting, Cardiff.] 1871. Halpin, Druitt [Halpin, London. 880 Victoria.] 1898. {Halstead, Arthur Fred-Erick [Halpin, London. 880 Victoria.] 1895. Halstead, John Henry [La Administracion, F. C. Central del Uruguay, Monte Video, Uruguay.] 1903. A.M. Ham, Frederic George Sison [Sw. [Penstock, London. 96 Victoria.]] 1900. Hambly, John [Sw. [Penstock, London. 96 Victoria.]] 1903. Hamilton, George Claude Halstead, Headingley, Leeds. [Messrs. Blair & Co., Stockton-on-Tees.] 1904. M. R.N [State Place, Singapore, Straits Settlements.] 1904. Hamilton, Robert [Sw. [Hammond, London. 394 Victoria.]] 1899. Hammond, Walter John [Hammond, London. 394 Victoria.] 1896. Handyride Charles Baird Messrs. Holmes & Co., Examiner	1900. M.)	BRASIER, R.N)	
1871. HALPIN, DRUITT	1889.	Hall-Brown, Ebenezer	Engine Works, Govan, Glasgow. [Triple, Glasgow.]
[Halpin, Druitt	1880.	Hallett, John Harry	(Cardiff.]
1898. {Halstead, Arthur Fred-Erick	1871.	HALPIN, DRUITT	[Halpin, London, 880 Victoria.]
del Uruguay, Monte Video, Uruguay. 1908. A.M. 1905. M. HAM, FREDERIC GEORGE SISON 1900. HAMBLY, JOHN	1898.		Cringlewood, Irlam Rd., Sale, Manchester.
1903. A.M. 1905. M. HAM, FREDERIC GEORGE SISON 1900. HAMBLY, JOHN	1895.	Halstead, John Henry	del Uruguay, Monte Video,
1900. Hambly, John	1908 A M)		
Cape Town, Cape Colony. HAMILTON, GEORGE CLAUDE HAMILTON, HUGH PRIMROSE Settlements. HAMILTON, WILLIAM DAVID HAMILTON, WALTER JOHN HAMMOND, WALTER JOHN HAMMOND, WALTER BAIRD Messrs. Holmes & Co., Stockton-on-Tees. Controller's Dept., Admiralty, Whitehall, S.W. Settlements. Settlements. Settlements. HAMMOND, WALTER JOHN HAMMOND, WALTER JOHN HAMMOND, WALTER JOHN HAMMOND, WALTER JOHN HAMMOND, WALTER BAIRD Messrs. Holmes & Co., Examiner	1905. M.)	Ham, Frederic George Sison	Victoria.]
1903. Hamilton, George Claude Halstead, Headingley, Leeds. 1909. Hamilton, Hugh Primrose 1901. G. Hamilton, Eng. Lieut. John, 1904. M. R.N (Controller's Dept., Admiralty, Whitehall, S.W. 1894. Hamilton, Robert	1900.	Hambly, John	
1901. G.) HAMILTON, Eng. Lieut. John, 1904. M.) R.N	1903.	HAMILTON, GEORGE CLAUDE	Halstead, Headingley, Leeds.
1901. G. Hamilton, Eng. Lieut. John, Controller's Dept., Admiralty, 1904. M. R.N	1909.	HAMILTON, HUGH PRIMROSE	-
Settlements. 1904. Hamilton, William David 59 Bath St., Glasgow. [3973.] 1899. Hammond, Robert [64 Victoria St., Westminster, S.W. [Hammond, London. 394 Victoria.] 1875. Hammond, Walter John The Grange, Knockholt, Sevenoaks. 1886. Hanbury, John James [Edgeley, 141 Walm Lane, Cricklewood, N.W.] 1896. Handyside, Charles Baird Messrs. Holmes & Co., Examiner		Hamilton, Eng. Lieut. John, R.N.	Controller's Dept., Admiralty,
1904. HAMILTON, WILLIAM DAVID 59 Bath St., Glasgow. [3973.] 1899. HAMMOND, ROBERT [64 Victoria St., Westminster, S.W. [Hammond, London. 394 Victoria.] 1875. HAMMOND, WALTER JOHN The Grange, Knockholt, Sevenoaks. 1886. HANBURY, JOHN JAMES [Edgeley, 141 Walm Lane, Cricklewood, N.W.] 1896. HANDYSIDE, CHARLES BAIRD Messrs. Holmes & Co., Examiner	1894.	HAMILTON, ROBERT	
1899. HAMMOND, ROBERT [Hammond, London. 394 Victoria.] 1875. HAMMOND, WALTER JOHN The Grange, Knockholt, Sevenoaks. 1886. HANBURY, JOHN JAMES	1904.		59 Bath St., Glasgow. [3973.]
1875. HAMMOND, WALTER JOHN The Grange, Knockholt, Sevenoaks. 1886. HANBURY, JOHN JAMES (Edgeley, 141 Walm Lane, Cricklewood, N.W. 1896. HANDYSIDE, CHARLES BAIRD (Messrs, Holmes & Co., Examiner	1899.	Hammond, Robert	{ [Hammond, London. 394 Vic-
1886. HANBURY, JOHN JAMES {Edgeley, 141 Walm Lane, Cricklewood, N.W. Messrs. Holmes & Co., Examiner	1875.	HAMMOND, WALTER JOHN	The Grange, Knockholt, Sevenoaks.
	1886.	HANBURY, JOHN JAMES	Edgeley, 141 Walm Lane, Crickle- wood, N.W.
	1896.	HANDYSIDE, CHARLES BAIRD	

-		
1891.	Harcourt, Otto Simon Henry	Messrs. Steel, Peech & Tozer, Cornhill Chbrs., Collins St., Melbourne, Victoria.
1902. A	.M. HARDCASTLE, EDWARD	Poste Restante, Salisbury, Rhodesia,
1904.		S. Africa.
1881.	HARDINGHAM, GEORGE GATTON	Clun House, Surrey St., W.C.
1883.	HARDY, JOHN GEORGE	(Hardingham, London.) 13 Riemergasse, Stadt, Vienna.
	HARDY, JOHN GEORGE (HARDY, WILLIAM EDWARD	(11/2 Praterstrasse 46, Vienna,
1908.	(Life Member)	\ Austria.
1869.	HARFIELD, WILLIAM HORATIO	Arundel House, Thames Embank-
1888.	HARKER, WILLIAM	\ \text{ment, W.C. [Harfield, London.]} \\ \text{Messrs. R. Schram & Co., Cannon St.} \\ \text{House, E.C. [Schram, London.]} \end{arrival}
1000	William Property	Chinese Engineering and Mining
1909.	HARLAND, HENRY PEIRSON	Co., Tientsin, North China.
1898.	HARLOCK, EDWARD BAKER	Newton House, Middlewich.
1004	HARMER OGGAR	Messrs. Alfred Herbert & Co.,
1894.	HARMER, OSCAR	Coventry; and Dalhousie, Spencer Park, Coventry.
1899.	HARRAP, GEORGE THOMAS	5 Budge Row, Cannon St., E.C.
1891.	HARRIS, GORDON	Messrs. Merryweather & Sons,
1001	and the second s	Greenwich Rd., S.E.
	(HARRIS, HENRY GRAHAM	Messrs. Bramwell & Harris, 11 Gt. George St., Westminster, S.W
1879.	(Vice-President)	[Wellbram, London. Westminster
		60.]
1873.	(HARRIS, RICHARD HENRY (Life Member)	Oak Hill, Surbiton, R.O., Kingston- on-Thames.
1877.	HARRIS, WILLIAM WALLINGTON	Rosebank, Queen Camel, Bath.
1898. A. 1898.	M. HARRISON, FRANK	Messrs. Marshall, Sons & Co., Bombay.
		(Lincoln Malleable Iron Works,
1885.	HARRISON, FREDERICK HENRY	Lincoln. [Malleable, Lincoln.] (Messrs. D. Young & Co., 11 and 12
1888.	HARRISON, GEORGE	Southampton Bldgs., W.C.
		[Junkring, London, Holborn 893.]
1889.	G.) HARRISON, Major GILBERT)	
1891.	M. HABWOOD, R.E	Fort William, Calcutta.
1885.	Harrison, Joseph	Royal College of Science, Exhibition Rd., S. Kensington, S.W.
1891.	HARRISON, JOSEPH HUTCHIN-	2 Exchange Place, Middlesbrough; and Clifford Villa, Coatham,
20021	(BON	Redcar.
1887.	HARRISON, THOMAS HENRY	Messrs. Davey Paxman and Co.,
10011	TRANSON, THOMAS TIME!	78 Queen Victoria St., E.C.
1889.	HART, FREDERICK	(36 Prospect St., Poughkeepsie, New York, U.S.
1901.	HARTLEY, WILLIAM ARCHBOLD	21 Mosley Street, Newcastle-on- Tyne. [2739 Central.]
1872.	HARTNELL, WILSON	Volt Works, Leeds. [Hartnell,
1906.	{Hartness, James (Life Member)	Leeds. 282.] (President, Jones & Lamson Machine Co., Springfield, Vermont, U.S.
1892.	HARVEY, FRANCIS HANIEL	Hayle Foundry, Hayle, Corn-
1883.		wall.
1009	HARVEY, Sir ROBERT	Dundridge, Totnes.

1897.	HARVEY, ROBERT	Chairman, Harvey Engineering Co., 27 Mincing Lane, E.C.
1878.	HARWOOD, ROBERT	Soho Iron Works, Bolton.
1881.	HASLAM, Sir ALFRED SEALE	[Zero, Derby.]
1898.	HASLAM, WILLIAM GILBERT	Union Foundry, Derby.
1902.	Haswell, Frederick John	Hull Hydraulic Power Co., Machell St., Hull.
1899.	HATCH, WILLIAM THOMAS	Engin-Chief, Metrop. Asylums Bd., Victoria Embankment, E.C.
1885.	HATTON, ROBERT JAMES	Henley's Telegraph Works, N. Woolwich, E.
1908.	{Hawke, George Richard William	Supt. Eng., Goldfields Water Supply, Perth, Western Australia. (Loco. and Carr. Supt., Assam and
1892.	Hawkins, Rupert Skelton	Bengal Rly., Pahartali P.O., Chittagong, India.
1905.	Hawkins, Thomas Whitehead	Manager, Messrs. John and William McNaught, St. George's Foundry, Rochdale.
1861.	Hawkins, William Bailey	144 Palmerston House, Bishopsgate Street, E.C.
1870.	Hawksley, Charles	Caxton House (West Block), West- minster, S.W.
1900.	Hawksley, Kenneth Phipson	Caxton House (West Block), West- minster, S.W.
1905. A.M.) 1909. M.)	Hay, John Angus	14 Wilberforce Rd., Finsbury Park, N.
1907.	HAYAKAWA, UKICHI	{21 Kanocho Nichome, Kobe, Japan.
1908.	Начавні, Кадио	Japan Steel Works, Muroran, Ho- kaido, Japan.
1882.	HAYES, EDWARD	Watling Works, Stony Stratford.
1879.	HAYES, JOHN	[Hayes, Stony Stratford.] 12 Market St., Carnarvon.
1902.	HAYWARD, THOMAS WILLIAM ALFRED	Boro' Surveyor, Municipal Bldgs., Lavender Hill, Battersea, S.W.
1908.	HEALD, JAMES ARTHUR	Atlantic Bldgs., Cardiff Docks, Cardiff.
1890. G.) 1891. M.	HEAP, RAY DOUGLAS THEODORE	Royal Arsenal, Woolwich.
1872.	HEAP, WILLIAM	12 Seaton Bldgs., 17 Water St.,
1905. A.M.) 1909. M.)	HEARN, CHARLES HANBURY	Liverpool. Town Electrical Eng., Kroonstad,
1898.	HEARSON, HUGH REGINALD	Orange River Colony. Oriental Ice Works, Hongkew
1898.	HEATH, ASHTON MARLER	Creek, Shanghai, China. Office of the Crown Agents for the
1899.	HEATH, ELIJAH ARTHUR	Colonies, Whitehall Gardens, S.W. Messrs. Dick, Kerr & Co., Abchurch Vard Cannon St. F.C.
1889.	HEATH, GEORGE WILSON	Yard, Cannon St., E.C. Messrs. Heath & Co., Observatory
1908. A.M.)		Works, Crayford, Kent.
1908. M.)	HEATH, JAMES FOX	Heathfield, Lansdowne Grove, Neasden, N.W.
1888.	HEATLY, HARRY	Messrs. Heatly and Gresham, 110 Cannon St., E.C.; and The Hoo, Hitchin.

1897.	HEATON, CHARLES	Brades Steel Works, near Birming-
	•	ham. [Brades, Birmingham.]
1909. A.M.	HEATON, WILLIAM HENRY	British Westinghouse Co., Westing-
1303. 11.)		house Bldg., Norfolk St., W.C. Chapel Walks, Manchester.
1875.	HEENAN, HAMMERSLEY	4 Chapel Walks, Manchester. [Heenan, Manchester. 964 and
2010.	HEENAN, HAMMERSLEY	966.]
	(HELE-SHAW, HENRY SELBY,	64 Victoria St., Westminster, S.W.
1879.	LL.D., F.R.S. (Member of	[Heleshawce, London. 1291
	(Council)	Victoria.]
1007		Messrs. C. and H. Crichton, 4-10
1907.	HENDERSON, HENRY ESDON	Derby Rd., Kirkdale, Liverpool.
1879. G.)		Messrs. John H. Wilson & Co., 15
1879. G.)	HENRIQUES, CECIL QUIXANO	Victoria St., Westminster, S.W.
1001. 111.)		[Drague, London.]
1904.	HENRY, HUBERT DECIMUS	Calle Necochea 655, Buenos Aires,
2002.	Tiblit, Tropping Ducines	Arg. Rep.
100		Messrs. John Spencer and Sons,
1907.	Hepper, Joseph	Newburn Steel Works, Newcastle-
		on-Tyne.
1900.	HEPWORTH, JOHN WILLIAM	Messrs. Alcock, Ashdown & Co.,
	,	Bombay.
1892.	Tunnana Arman	Machine-Tool Works, Coventry;
1002.	HERBERT, ALFRED	and Fieldgate Lane, Kenilworth. [Lathe, Coventry. 52.]
		35 Queen Victoria St., E.C.
1893.	HERBERT, CHARLES	[Mancunian, London.]
		McLeod Rd., Karachi, India.
1894.	HERMAN, BENJAMIN RICHARD	[Herman, Karachi. 47.]
1884.	HERNU, ARTHUR HENRY	69 Victoria St., Westminster, S.W.
1894.	HERRIOT, WILLIAM SCOTT	Clarewood, Thorntonhall, Lanarks.
1898. A.M.)		Geo. A. Fuller Construction Co.,
1905. M.	HERSCHMANN, ARTHUR JULIUS	945 Broadway, New York, U.S.
1906.	HERTZ, ALBERT HOLGER	Loco. Supt., Port Talbot Rly. and
4000 00.		Docks Co., Port Talbot.
1879. G.)	HESKETH, EVERARD	Messrs. J. and E. Hall, Iron Works,
1882. M.		Dartford. [Hesketh, Dartford.]
1897.	HETHERINGTON, EDWARD PALMER	Vulcan Works, Pollard St., Manchester.
1872.	HEWLETT, ALFRED	Haseley Manor, Warwick.
	HEYWOOD, THOMAS EDWARD	Assist. Loco. Supt., Taff Vale Rly.,
1908. M.		Penarth Dock, Glamorgan.
/		c/o J. H. Beach, Casilla del Correo
1885.	HICKEN, THOMAS	1264, Buenos Aires, Arg. Rep.
1896.	HIGHE PARENT CHARGE	Messrs. Bird & Co., 27 Leadenhall
	HIGBY, ROBERT GEORGE	St., E.C.
1901. A.M.	HIGGINBOTHAM, GEORGE	Calico Printers' Assocn., 56 Mosley
1906. M.	HIGGINDOINAM, GEORGE	St., Manchester.
1894.	HIGGINBOTTOM, LLOYD	Crown Iron Works, West Gorton,
	,	Manchester.
1000	Harrison Appears Hours	Engin-Chief, Messrs. A. Guinness,
1902.	HIGNETT, ARTHUR HOLLAND	Son & Co., St. James' Gate
		Brewery, Dublin. Crown Bldgs., 18 Booth St.,
1879.	HIGSON, JACOB	Orown Bldgs., 18 Booth St., Manchester.
		Messrs. R. Waygood & Co., Fal-
1903.	HILDRED, CHARLES WILLIAM	mouth Rd., Great Dover St.,
		S.E.

Date	e of	Ele	ction
and	of '	Trai	nsfer.

and of I	Tamplet.			
1902. 1904.	A.M.) M.)	HILDRETH, WILLIAM	Augus-	Messrs. Alfred Herbert, Coventry.
1901.		HILL, ALFRED JOHN		Manager, Loco., Carr. and Wagon Works, G.E. Rly., Stratford, E.
1902.		HILL, EDMUND LEWIN		Siemens Brothers Dynamo Works Ltd., 196 Deansgate, Manchester.
1883. 1894.	G.) M.)	HILL, JOHN KERSHAW		Eng. and Manager, West Surrey Water Works, High St., Walton- on-Thames. (St. George's Engineering Works,
1901.		HILL, JOSEPH		Wood's Lane, Derby. [Hill, Derby. 227.]
1885.		HILL, ROBERT ANDERS	ON	14 Third Avenue, Hove, Sussex.
1000		HILL, Eng. Lieut.		
1900.	1	SCOTT, R.N		N., Sudan, Egypt. (General Manager, Midland Coal,
1909.		HILL, WILLIAM		Coke & Iron Co., Apedale, New-castle, Staffs.
				Chief Eng., National Boiler In-
1890.		HILLER, EDWARD GEOR	BGE	surance Co., 22 St. Ann's Sq., Manchester.
				Consulting Eng., National Boiler Insurance Co., 22 St. Ann's Sq.,
1882.		HILLER, HENRY		Manchester; and Athelney, Stanley Rd., Alexandra Park, Manchester.
1899.		HILLER, HENRY KING	** **	Eng., Gas Co., Shanghai, China. (Managing Director, Messrs. James
1898.		HIPKINS, WILLIAM EDV	WARD	Watt & Co., Soho Foundry, Smethwick, Birmingham.
1897.		HIRAOKA, HIBOSHI		The Kisha Seizo Kwaisha, Kinshi- chyo, Honjo, Tokyo, Japan.
1897.		HIRST, JAMES		50 Dumaresque St., Newcastle, New South Wales.
1909.		HIRST, RICHARD		Liverpool.
1896.		HITCHCOCK, CYRIL		G.I.P. Railway Co., 5 Victoria
1899. 1901.	A.M.)	HITCHINS, CHARLES FA	UNCE	St., Westminster, S.W. Messrs. Hitchins & Booth, 25 Vic- toria St., Westminster, S.W.
	,			General Manager, Hydraulic En-
1898.		Hobbs, Charles James		gineering Co., Chester.
1900. 1894.		Hobson, John Edward		Oaklands, Cheadle, Cheshire.
1897.	A.M.	HODGES, FRANK WILLI	AM	Vauxhall Iron Works, Wandsworth Rd.,S.W.; and Edgeumbe, Cranes
1898. 1896.	M.)	Hodges, Marcus Henr	BY	
1880.		Hodgson, Charles		Messrs. Saxby and Farmer, 58 Victoria St., S.W. [Signalmen,
		,		London. 285 Westminster.] (Mansion House Chbrs., 20 Buck-
1901.		Hodgson, Ealey		lersbury, E.C. [Torquated, London. 8874 Bank.]
1906.		Hodgson, Percy Fred	ERICK	53 Victoria St., Westminster, S.W. (Egerton Iron Works, Windsor St.,
1900.		Hodgson, William		Salford, Manchester. [Weighing, Manchester. 1461.]
1891.		HOGARTH, THOMAS OSW	ALD	G.W. Rly. Works, Saltney, Chester.

1886.	Holden, James	Hermon House, 72 Hermon Hill, Wanstead, N.E.
1895.	Holgate, Charles Henzell	1 Ingledew Crescent, Street Lane, Roundhay, Leeds.
1895.	HOLLIDAY, JOHN	Messrs. A. Guinness, Son & Co., St. James' Gate Brewery, Dublin.
1894. G.) 1896. A.M.) 1907. M.	Hollingsworth, Edward Massey	St. Helens Corporation Electricity Works, St. Helens, Lancashire.
1896.	HOLMAN, FREDERICK	Penzance Foundry, Penzance. (Messrs. C. M. Burls and Partners,
1891.	HOLMAN, HUGH WILSON	4 Lloyd's Avenue, Fenchurch St., E.C. [Burlsator, London.]
1899.	Holmes, John Henry	Portland Rd., Newcastle-on-Tyne; and Wellburn, Jesmond, New- castle-on-Tyne.
1908.	Holmes, Joseph Cornelius	"The Morning Post," 346 Strand, W.C.
1896.	Holmes, Percy Frederick	Whitestone Iron Works and Turn- bridge Foundries, Huddersfield. [Holmes, Huddersfield. 113.]
1903. A.M.) 1909. M.)	HOLMES, RICHARD JOHN MON-	Corpn. Tramways, Manors, New- castle-on-Tyne.
1892.	HOLMSTRÖM, CARL ALBERT	Morecroft, Epsom.
1888.	Homan, Harold	Senlac, Hockering Rd., Woking.
		(Works Manager, Messrs. Thwaites
1903.	Homersham, Thomas Henry Collett	Brothers, Vulcan Iron Works, Bradford.
1000 4 7/1		119 Great Mersey St., Liverpool.
1898. A.M.) 1901. M.)	Honiball, Charles Roland	[Hontball, Liverpool. Central 7371.]
1890.	Hooker, Benjamin	Blackhorse Lane, Walthamstow, N.E.
1904.	HOOKHAM, JOHN ALBERT	Works Manager, Loco. Works, N. Staffs. Rly., Stoke-on-Trent.
1902. A.M.) 1909. M.)	HOPE, ALARIC	Engineer's Office, Dockyard, Liver-
1892.	Home Town Diese	Copley, St. Andrew's Rd., Bedford.
1900. G.)	HOPE, JOHN BASIL	
1901. A.M. 1905. M.	Hopkinson, Allen Haigh	Britannia Works, Huddersfield. [Hopkinson, Huddersfield. 169.]
	(HOPKINSON, Professor BER-	(Engineering Laboratory, The Uni-
1904.	TRAM (Life Member)	versity, Cambridge.
1885.	Hopkinson, Charles	Werneth Chbrs., 29 Princess St., Manchester.
1894.	HOPKINSON, EDWARD, D.Sc. (Member of Council)	Salford Iron Works, Manchester; and Ferns, Alderley Edge, Cheshire.
1909.	Hopkinson, Frank Addy	Messrs. J. Hopkinson & Co., Britannia Works, Huddersfield.
1890.	HOPPER, ALLAN	Messrs. William Hopper & Co., Moscow, Russia.
1890.	HOPPER, JAMES RUSSELL	Messrs. William Hopper & Co., Moscow, Russia.
1906. A.M.) 1909. M.)	Hornett, William George	Bengal - Nagpur Rly., Khargpur, India.
1880.	HORNSBY, JAMES	Spittlegate Iron Works, Grantham.
2000.	TIOMASDI, VAMES	[Hornsbys, Grantham.]

		(Electric Light and Tramways
1899.	Hosgood, Octavious Sidney	Dept., Roath Power Stn., Roath, Cardiff.
1891. 1897.	G. Hosgood, Walter James	Mashonaland Rly. Co., Umtali, Rhodesia.
1889.	Hosken, Richard	P.O. Box 667, Johannesburg, Transvaal.
1902.	Hoskins, George John	Messrs. G. and C. Hoskins, Sydney, N.S.W.
1908.	Houfe, Walter William	Knutsford, Wilton Avenue, South- ampton.
1866.	HOUGHTON, JOHN CAMPBELL ARTHUR	Sparnon, Torquay.
1889.	HOUGHTON, THOMAS HARRY	[63 Pitt St., Sydney, N.S.W. [Expansion, Sydney.]
1895. <i>1</i>	A.M.) House, Henry Alonzo, Jun.	House Flexible Steel Belting Co., Bridgeport, Conn., U.S.
1909.	HOUSEMAN, CHARLES LAW-	Manager, Messrs. S. Sykes & Co., P.O. Box 110, Salisbury, Rho- desia.
1864.	Howard, Eliot	Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C. [Tyle- rox, London. 192 Bank.]
1897.	Howard, Henry Fox	Messrs. Hayward Tyler & Co., 99 Queen Victoria St., E.C. [Tyle- rox, London. 192 Bank.]
1879. 1889.	G. Howard, James Harold	Britannia Iron Works, Bedford; and The Grange, Kempston,
		Gloucester Wagon Works, Glou-
1882.	Howard, John William	cester.
1896.	HOWARTH, ALFRED MONT-	Inspecting Engineer, P.W.D., Sydney, N.S.W.
1885.	HOWARTH, WILLIAM	26 Barker Street, Oldham. (Genl. Works Manager, Govt.
1901.	Howe, Henry Bryant	Rlys., Eveleigh Works, Sydney, N.S.W.
1877.	Howell, Samuel Earnshaw	Brook Steel Works, Brookhill, Sheffield. [Howell, Sheffield.]
1882.	Howl, Edmund	Messrs. Lee Howl & Co., Tipton.
1904.	HOWLDEN, EDWIN FRANCIS	68 Marlborough Mansions, Cannon Hill, W. Hampstead, N.W.
1877.	HOWLETT, FRANCIS	[28 Victoria St., Westminster, S.W. [Brickpress, London.]
1891.	Hoy, HENRY ALBERT	Messrs. Beyer, Peacock & Co., Gorton Foundry, Manchester.
1887.	HOYLE, JAMES ROSSITER (Member of Council)	Messrs. Thomas Firth & Sons, Norfolk Works, Sheffield.
1891.	HUBBACK, CHARLES ARBUTH-	29 Wordsworth Avenue, Roath, Cardiff.
1882.	Hudson, John George	Messrs. Hick Hargreaves & Co., Soho Iron Works, Crook St., Bolton; and Glenholme, Brom- ley Cross, Bolton.
1893.	HUDSON, WILLIAM	Stocks Lane, Stalybridge.
1881.	HUGHES, EDWARD WILLIAM MACKENZIE	12 Talbot Rd., Bayswater, W.

1900.

1899.	Hughes, George	Chief Mech. Eng., Lancs. & Yorks. Rly., Horwich, Lancs.
1898. A.M.) 1903. M.)	Hughes, George Henry	Messrs. Robert Warner & Co., Walton-on-the-Naze, S.O., Essex. [Foundry, Walton-on-the-Naze. 5.]
1889.	HUGHES, JOHN	16 Victoria St., Westminster, S.W.
1891.	HUGHES, ROBERT M	Dist. Eng., Bengal-Nagpur Rly., Chakardharpur, Bengal.
1900.	HUGHES, THOMAS WILLIAM ROBERT	00 0000000
1909.	HULL, JAMES HENRY	Chief Mech. Eng., Cordite Factory, Aruvankadu, Nilgiris, India.
1902.	HULLEY, RICHARD DODSON	Messrs. Royce Ltd., Trafford Park, Manchester. [Switch, Man- chester. 4831.]
1906.	Hume, Edward Shotton	Chief Mech. Eng., W. Australian Govt. Rlys., Perth, W. Australia.
1903.	Humpage, Thomas	Messrs. Humpage, Thompson and Hardy, Jacob St., Bristol.
1899.	HUMPHREY, HERBERT ALFRED	[38 Victoria St., Westminster, S.W. [Gazonner, London.]
1900.	HUMPHREYS, HENRY HOWARD	28 Victoria St., Westminster, S.W.
1909.	HUMPHRYES, JAMES HULSE	Messrs. Edward Wood & Co., 88 Cannon Street, E.C.
1866. G.) 1872. M.)	Humphrys, Robert Harry	Messrs. Humphrys Tennant & Co., Deptford Pier, S.E.
1899. A.M.) 1904. M.)	Hunt, Henry	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N.; and Cotsford, Uplands Park, Enfield.
1898.	HUNT, ROBERT WOOLSTON	1137 The Rookery, Chicago, Ill., U.S.
1901.	HUNT, WILLIAM	The Machine Tool Co., Ltd., Nottingham.
1899.	Hunter, George Lewis	Messrs. T. and W. Smith, Guild- hall, Newcastle-on-Tyne.
1906.	Hunter, James Alexander	Mech. Engineer's Dept., L. & S.W. Rly., Nine Elms Works, S.W.
1886.	Hunter, John	Dolphin Foundry, Saynor Rd., Hunslet, Leeds.
1902.	Hunter, Summers	Genl. Manager, N.E. Marine Engineering Co., Wallsend, R.S.O., Northumberland. [News, Wallsend.]
1877.	HUNTER, WALTER	17 Victoria St., Westminster, S.W. [Westminster 75.]
1905.	HUTCHINS, WALTER JAMES	Messrs. Alfred Herbert, 47 Boulevard de Magenta, Paris.
1888. 1894. A.M.) 1901. M.)	HUXLEY, GEORGE HYDE, GEORGE HERBERT (Life Member)	20 Mount St., Manchester. Govt. Factory, Colombo, Ceylon.
1907.	HYDE, PHILIP ARMROID	Carr. and Wagon Supt., Indian State Rlys., Lucknow, India.
1885.	HYLAND, JOHN FRANK	91 High St., Ashford, Kent.

Iddon, James Brookfield Iron Works, Leyland, Preston.

Date	e of	El	ect	ion
and	of '	Tra	nsi	fer.

1896. A.M.) 1900. M.)	IDEN, GEORGE	(Balcot, Wilberforce Road, Sandgate, Kent.
1909.	IEVERS, EYRE FRANCIS	519 Bartolomé Mitre, 2º Piso, Buenos Aires, Arg. Rep.
1882.	INGHAM, WILLIAM	11 Blackfriars St., Manchester.
1895. A.M. 1898. M.		The Smartt Syndicate, Britstown, Cape Colony.
1888.	INGLEBY, JOSEPH	20 Mount St., Manchester.
1905.	INGRAM, ALFRED	Queen Anne's Chbrs., Westmin- ster, S.W.
1903. 1907.	INGRAM, SAMUEL INNISS, JOHN JAMES	County Surveyor, Whipton, Exeter. 82 New St., Birmingham.
1883.	INSTONE, THOMAS	101 Leadenhall St., E.C.
1892.	IRONS, THOMAS	Messrs. Hudson Brothers, Clyde Engineering Works, Granville,
2002,		New South Wales.
1898.	(IRWIN, DELACHEROIS HAST-	Managing Director, Messrs. Cross- ley Brothers, Openshaw, Man-
	(INGS	chester. [Crossleys, Openshaw.] Union Iron Works, Portmadoc.
1895.	ISAAC, ROBERT	[Isaac, Portmadoc.]
1887.	(IVATT, HENRY ALFRED (Member of Council)	Loco. Eng., G.N. Rly., Doncaster.
1907.	JACK, ALEXANDER	Cameron St., Motherwell.
1909.	Jack, Frederic Barrie	Worthington Pump Co., 153 Queen
1909.	JACK, FREDERIC DARRIE	Victoria Street, E.C. (Messrs. William Beardmore & Co.,
1884.	JACKS, THOMAS WILLIAM	Parkhead, Glasgow; and 13
2003.	Moseley	Queensborough Gdns., Kelvin- side, Glasgow.
1907.	JACKSON, ALBERT	United Alkali Co., Allhusen's Works, Gateshead.
1898.	Jackson, Algernon Brooker	16 Great Tower St., E.C.
1904.	Jackson, Gerald Hart	Chief Eng., Electric Light and Power Co., 25 Bridge St., North-
	,	ampton. [183.]
1900. A.M. 1906. M.	JACKSON, HAROLD DRINK-	Caxton St., Anniesland, Glasgow. [Telemeter, Glasgow. 122 Hill-
	(Jackson, Sir John, M.P.,	head.] [58 Victoria St., Westminster, S.W.
1899.	\ LL.D., F.R.S.E	[Cofferdam, London.]
1895.	JACKSON, ROBERT CATTLEY	24 Catheart Hill, N. (Woodlands View, Horsforth, near
1886. 1889.	Jackson, Thomas	Leeds.
1876.	Jackson, William Jacobs, Charles Mattathias	Thorn Grove, Mannofield, Aberdeen. 178 Gracechurch St., E.O. [Vexil-
	(JACOBS, Lieut. JOSEPH JOHN,	lum, London.]
1901.	R.E	Gibraltar.
1878.	JAKEMAN, CHRISTOPHER JOHN WALLACE	Bouldnor Lodge, 10 Lewisham Hill, S.E.
1900.	James, Charles, Jun	Messrs. Richard Hornsby & Sons, Spittlegate Iron Works, Gran-
2000.	JAMES, CHARLES, Juli	tham.

Date	e of	Election
and	of '	Transfer.

and or Transier.		
1889.	James, Charles William	British Oxygen Works, Boyd St., Newcastle-on-Tyne.
1895.	James, Christopher William	Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds.
1889.	James, Reginald William	1 Queen Victoria St., E.C. [Lode-stone, London. 317 Bank.]
1899.	James, Thomas	Carr. and Wagon Dept., Mid. Rly., Derby.
1898. A.M.) 1901. M.)	JAMES, WILLIAM HENRY	Principal, College of Engineering, Chepank, Madras, India.
1879. 1888.	JAMESON, GEORGE JAQUES, Captain WILLIAM HENRY	Bow St. Distillery, Dublin. [Little Boar's Head, New Hamp-
1902. A.M.) 1906. M.)	JARVIS, RICHARD	kia Pra, 304 Lr. Broughton Rd., Lower Broughton, Manchester.
1888.	(JEEJEEBHOY, PIROSHAW Bo-)	
1901.	JEFFERIES, HAROLD SELLIS	Orwell Works, Ipswich. [Ransomes, Ipswich. 11.]
1881.	JEFFERISS, THOMAS	Messrs. Tangyes, Cornwall Works, Soho, Birmingham. [Tangyes, Birmingham.]
1877. G.) 1882. M.)	JEFFREYS, EDWARD HOMER	Pannal Hall, Pannal, S.O., Yorks.
1902.	Jeffreys, John	[11 Old Queen St., Westminster, S.W. [482 Westminster.]
1901.	Jenkin, Bernard Maxwell	[17 Victoria St., Westminster, S.W. [Kinematic, London.]
1893.	{Jenkin, Professor Charles} FREWEN	14 Laumbury Iva., Oxford.
1894.	JENKIN, THOMAS HENRY	Messrs. J. Jamieson & Co., Queen's Dock Chbrs., Hull. [Propeller, Hull. 94.]
1880. G.) 1886. M.	JENKINS, RHYS	38 Southwood Avenue, Highgate, N.
1892.	JENKINS, WILLIAM JOHN	Beehive Works, Retford.
1896. 1893.	JENKINSON, THOMAS JENNINS, HENRY HORWOOD	17 Windle St., St. Helens, Lancs. 180 Chapeltown Rd., Leeds.
1878.	JENSEN, PETER	[Venture, London.]
1897. A.M.) 1901. M.)	Johns, Cosmo	Messrs. Vickers, Sons & Maxim, River Don Works, Sheffield.
1907.	Johns, John Henry	P.O. Box 231, Johannesburg, Transvaal.
1896. A.M. 1900. M.	Johnson, Andrew	Heathbank Villa, Lenzie, Glasgow.
1905.	Johnson, Frederick Dwight	Managing Director, Consolidated Pneumatic Tool Co., Palace Chbrs., 9 Bridge St., West- minster, S.W.
1906.	Johnson, Henry Theophilus	Canadian - American Linotype Corpn., 8 Bouverie St., Fleet St., E.C.
1890.	Johnson, John William	Holly Mount, Wilpshire, Black- burn.
1891.	Johnson, Lacey Robert	Assist. Supt. of Rolling Stock, C.P. Rly., Montreal, Canada.

		(Loco. and Carr. Supt., Burma Rlys.,
1888.	JOHNSON, LAWRENCE POTTER	Insein, Burma.
1861.	JOHNSON, SAMUEL WAITE (Past-President)	Lenton House, Lenton Rd., The Park, Nottingham.
1906.	JOHNSTON, ALEXANDER	Supt., P. W. D., Sandakan, Brit. North Borneo.
1900. A.M.) 1904. M.)	Johnston, Charles Morison	Boro' Electrical Eng., Electricity Works, Shrewsbury.
1896.	JOHNSTON, JAMES	Chief Eng., Corpn. Water Works, 12 Bond St., Brighton. [140.]
1907.	JOLLY, CHARLES EUSTACE	Midland Hotel, Birmingham.
1890. G. 1899. A.M. 1905. M.	Jones, Arthur Dansey	Loco. Dept., Lancs. & Yorks. Rly., Horwich, Lancs.
1891. 1871.	JONES, CHARLES FREDERICK JONES, CHARLES HENRY	85 Davenport St., Bolton. Hazeldene, Duffield, Derby.
1873.	JONES, EDWARD	Broomfield House, Perry Barr, Birmingham.
1907.	JONES, EDWARD	Corpn. Gas Works, Burslem.
1884.	Jones, Felix	39 Bloomsbury St., Birmingham.
1878.	Jones, Frederick Robert	Silverthorn, Camden Park, Tun- bridge Wells.
		Works Manager, Britannia Foun-
1903.	Jones, George Phillips	dry, Loughborough; and 65 Forest Rd., Loughborough.
1878.	Jones, Harry Edward	{142-3 Palace Chbrs., Bridge St., Westminster, S.W.
1881.	Jones, Herbert Edward	Loco., Carr. & Wagon Supt., Cambrian Rlys., Oswestry.
1882.	JONES, SAMUEL GILBERT	Steanbridge House, near Stroud, Glos.
1887.	JONES, THOMAS	Municipal School of Technology, Sackville St., Manchester; and 4 Manley Road, Alexandra Park, Manchester.
1900.	JONES, WALTER	Titan Works, Stourbridge.
1883.	JORDAN, EDWARD	Manager, Cardiff Junction Dry Dock and Engineering Works, Cardiff.
1891.	JORDAN, HENRY GEORGE, Jun.	Municipal School of Technology, Sackville St., Manchester; and 6 Manley Rd., Whalley Range,
1891.	JUDD, JOSEPH HENRY	Manchester. The Yews, Heaton Moor, Stockport.
1884.	JUSTICE, HOWARD RUDULPH	55 & 56 Chancery Lane, W.C. [Syng, London, Holborn 3.]
1888.	KAPTEYN, ALBERT	(Holland.
1904.	KAYE, WALTER KELITA	Lock Works, Hunslet, Leeds.
1900. A.M.)	KEATINGE, SHERBROOKE AU-	[Wedge, Leeds. 506.] Chief Storekeeper, N.W. Rly.,
1903. M.	GUSTUS JOHN	Abbott Rd., Lahore, India.
1904.	KEAY, JAMES	Princes Chbrs., Corporation St., Birmingham. [Keay, Birming- ham. 430.]

		(British United Shoe Machinery
1905.	KEAY, JAMES ALFRED	Co., Union Works, Belgrave Rd., Leicester.
1869.	KEEN, ARTHUR (Vice-President)	London Works, near Birmingham. [Globe, Birmingham.]
1883. G.) 1889. M.)	KEEN, FRANCIS WATKINS	London Works, near Birmingham.
1901.	KEIGHTLEY, ALFRED PERCIVAL	Manager, Messrs. Oakes & Co., 9
1904.	KEITH, JAMES	Broadway, Madras. 27 Farringdon Avenue, E.C.
1881.	KENDAL, RAMSEY	Greylands, 37 Dunmore Road, Wimbledon.
1879.	KENNEDY, Sir ALEXANDER BLACKIE WILLIAM, LL.D., F.R.S. (Past-President)	Emeritus Prof. of Engineering, Univ. Coll., London: 17 Victoria St., Westminster, S.W. [Kine- matic, London.]
1892.	KENNEDY, THOMAS	The Glenfield Engineering Works, Kilmarnock.
		Messrs. A. Kenrick & Sons, Spon
1875.	KENRICK, Sir GEORGE HAMIL-	Lane, West Bromwich; and Whetstone, Somerset Rd., Edg- baston, Birmingham.
		Messrs. Archibald Kenrick & Sons,
1902.	Kenrick, John Archibald	Spon Lane, West Bromwich; and Harborne House, Harborne, Birmingham.
1892.	KENSINGTON, FREDERICK	The Crest, Caterham, Surrey.
1907.	Kerfoot, James	Manager, Ewo Cotton Spinning and Weaving Co., Shanghai, China.
1906.	KERMODE, JOHN JONATHAN	39 Imperial Chbrs., 62 Dale St., Liverpool.
1896. A.M.) 1900. M.)	(T:6. 367)	7 Lydiard St., Ballarat, Victoria.
1866.	Kershaw, John	Hanover Court, Hanover Square, W.
1906.	Kershaw, Thomas	170 Sannomiya-cho, 1 chome, Kobe, Japan.
1903.	Kett, George	(11 Queen Victoria St., E.C. [Hoisters, London. Bank 8356.]
1885. G.) 1888. M.)	Keyworth, Thomas Egerton	Central Cuban Rlys., Sagua la Grande, Cuba.
1885.	KIDD, HECTOR	15 Mansfield St., Glebe Point, Sydney, N.S.W.
1903. A.M.) 1907. M.)	KIDD, JOHN WILLIAM	Messrs. Kerr, Stuart & Co., Stoke- on-Trent.
1894.	KIERNAN, GEORGE	Manager, Messrs. Gresham and Craven, Craven Iron Works, Salford, Manchester.
1888.	Кікисні, Куого	Supt. Eng., Hirano Spinning Mill, Osaka, Japan.
1899.	KILGOUR, MARTIN HAMILTON	c/o American Inst. of Mining Engineers, 29 W. 39th St., New York.
1899. G.) 1901. A.M.) 1907. M.	KIMBER, HARRY WATKINS	Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.
1895.	King, Charles Penrose	Resident Eng., Ilkeston and Heanor Water Works; 3 Clarence Terrace, Holme Rd., Matlock-Bath.

1900.	KING, CHARLES PHILIP	(85 Upper Richmond Rd., Putney, S.W.
1897.	KING, HENRY CHARLES	G.W. Rly. Works, Swindon.
1902. A.M.) 1908. M.)	KING, HENRY JAMES HUBERT	Nailsworth, Stroud, Glos.
1895. 1872.	KING, THOMAS SCOTT KING, WILLIAM	43 Westbourne Rd., Penarth. 5 Beach Lawn, Waterloo, Liverpool.
1877.	KIRK, HENRY	(c/o Ernest Valentine, 7 Highfield, Workington.
1884.	KIRKALDY, JOHN	101 Leadenhall St. E.C. [Compactum, London.]
1899.	KIRKALDY, WILLIAM GEORGE	99 Southwark St., S.E. [2439 Hop.]
1902.	KITCHING, ALFRED	Messrs. Behn Meyer & Co., Singapore, Straits Settlements.
1908.	KLOPP, GEORGE ONNO HOM-	Messrs. George Kent, 199-204A
1889.	KNAP, CONBAD	High Holborn, W.C. 11 Queen Victoria St. E.C.
1886.	KNIGHT, CHARLES ALBERT	6 Upper Avenue Rd., Hampstead, N.W.
		Kaiser Steam Tug Co., 27 Great
1890.	KNIGHT, JAMES PERCY	Tower St., E.C. [Longboat, London. Avenue 203.]
1908.	Knight, John Douglas	Boro' Electrical Eng., Ealing Corporation, Town Hall, Ealing, W.
1903.	KNIGHT, WILLIAM EDWARD	Motive Power Supt., Cuba Railroad
1900.	Knowles, John	Co., Camaguey, Cuba. Messrs. Bradbury, Brady & Co.,
2000,		Bombay, India. (Imperial Russian Embassy, 26
1908.	KOZIELL, Eng. Captain JOSEPH POKLEWSKI, I.R.N.	Gledhow Gardens, South Kensington, S.W.
1908.	KROTO, GEORGE	Messrs. Takata & Co., 88 Bishops- gate St. Within, E.C.
1905.	KURODA, TSUNEMA	Müke Coal Mines, Chikugo, Japan.
1896.	(KWANG, KWONG YUNG (Life Member)	Eng., Lin-cheng Mines, Lin- Tcheng Sien, Lu-Han Rly., vid Peking, North China.
1909.	Kwong, Wong	General Manager, Yangtse Engineering Works, Hankow, China.
1909.	LACERDA, ANTONIO CABLOS DE	Manager, Cooperativa Alcoolica da Bahia, Santo Amaro Foundry, Bahia, Brazil.
1906.	LACEY, ERNEST MATTHEW	Iddesleigh Mansions, Caxton St.,
1907.	LACHENAL, ALEXANDER	Westminster, S.W. 195 Ferme Park Road, Hornsey, N.
1909.	LACKIE, WILLIAM WALKER	Chief Eng., Corporation Electricity Dept., 75 Waterloo St., Glasgow.
1898.	Lackland, John James	Water Eng., Town Hall, St.
	LACY-HULBERT, CHARLES)	Helens, Lancs. [69.] 91 Victoria St., Westminster, S.W.
,	Edward	Messrs. Hudswell, Clarke & Co.,
1903.	LAMBERT, HAROLD	Railway Foundry, Leeds.

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1897.	LAMBERT, WILLIAM FRASER	Messrs. G. S. Goodwin & Co., 19
1883. G.)		James St., Liverpool. 441 Bartolomé Mitré 2°. Piso.
1902. M.)	LANDER, PHILIP VINCENT	Buenos Aires, Arg. Rep.
1896.	Lane, Francis Lawrence	Leeds Forge, Leeds. Messrs. John Lang & Sons, John-
1906,	LANG, ROBERT (Life Member)	stone, Glasgow.
1881.	Langdon, William	St. Margaret's, Babbacombe, Torquay.
1907.	LANGE, ERNEST FREDERICK STEPHEN	Messrs. Beyer, Peacock & Co., Gorton Foundry, Manchester.
1881.	Lange, Frederick Montague	29 Red Lion St., Clerkenwell, E.C.
1879.	LAPAGE, RICHARD HERBERT	Sheen House, Walmer. [Lapage, Walmer.]
1895. A.M. 1902. M.	Larard, Charles Edward	Engineering Department, Northampton Institute, Clerkenwell, E.C.
1894. G. 1898. A.M. 1908. M.	LARMUTH, WILLIAM OLIVER	Todleben Iron Works, Unwin St., Cross Lane, Salford, Manchester; and Westleigh, Norwood Avenue, Southport.
1899. A.M.) 1903. M.)	Lash, Horatio William	Manager, Albion Works, Sheffield.
		Parliament Mansions, Victoria St.,
1888.	LATHAM, BALDWIN	S.W.; and Park Hill House, Stanhope Rd., Croydon.
1899.	LATTA, JAMES GILMORE	78 Billiter Buildings, E.C. (Loco. and Stores Supt., Peruvian
1904.	Lawes, George Elliot	Central Rly., Desamparados, Lima, Peru.
1905. {	LAWRENCE, MAXIMILIAN ROBERT	158 Hagley Rd., Edgbaston, Birmingham.
1905.	LAWRIE, PETER STANLEY	Royal Oak Hotel, Wellington, New Zealand.
1882.	LAWSON, FREDERICK WILLIAM	Hope Foundry, Leeds.
1870.	LAYBORN, DANIEL {	Messrs. Daniel Layborn & Co., Dutton St., Liverpool.
1883.	Laycock, William S	Victoria St. Works, Sheffield; and Ranmoor, Sheffield. [Invention, Sheffield. 907.]
	LAYTON, HENRY EDWARD	Apartado 82, Bilbao, Spain.
	(124 College Road, Bromley, Kent. Messrs. Henry Lea & Son, 38
1901. A.M.) 1905. M.)	LEA, FREDERICK MACKENZIE	Bennett's Hill, Birmingham. [Engineer, Birmingham. 113.]
1860.		38 Bennett's Hill, Birmingham.
([Engineer, Birmingham. 113.] 28 Deansgate, Manchester.
		Messrs. Lea & Francis, Coventry.
1889.	LEAF, HENRY MEREDITH {	4 Barton Street, Westminster, S.W.
1883. I	LEAVITT, ERASMUS DARWIN {	317 Harvard St., Cambridge, Mass., U.S.
1903. A.M.) I	LE CLAIR, LOUIS JEAN	Moorgate Works, Moorfields, E.C.
	LEDINGHAM, JOHN MACHRAY {	Royal Laboratory, Royal Arsenal, Woolwich.

Date	e of	Election
and	of]	Transfer.

1862,	LEE, J. C. FRANK	(42 Gloucester Gdns., Hyde Park, W.
1892. 1890.	LEE, RICHARD JOHN LEE, SAMUEL EDWARD	City Foundry, Limerick. City Foundry, Limerick.
1889. G.	LEGROS, LUCIEN ALPHONSE	Melbury, Clarendon Rd., Watford.
1890. M. <i>§</i>	LEIGH, FREDERICK AUGUSTUS	Chief Electrical Eng., L. & N.W. Rly., Euston, N.W.
1896.	LEISSE, GEORGE CHARLES	Messrs. John Fowler & Co., Steam Plough and Loco. Works, Leeds.
1897. A.M.) 1902. M.)	LEITCH, ARCHIBALD	36 Dale St., Liverpool.
1908.	LEITCH, DONALD CALDER	Chief Eng., Rand Water Board, P.O. Box 1703, Johannesburg, Transvaal.
1898.	LEOPARD, CHARLES WILLIAM	52 Queen Victoria St., E.C. [Bank 657.]
1905.	LESLIE, BRADFORD	7 The Sanctuary, Westminster, S.W.
1901.	LESLIE, WILLIAM	Palace Chbrs., St. George's Terrace, Perth, W. Australia.
1905.	L'Estrange, Arthur Henry Carleton	34 and 5 The Clock House, Arundel St., Strand, W.C.
1878.	LEWIS, GILBERT	37 Monton St., Moss Side, Man- chester.
1905.	Lewis, Lewis Holme	Engineer, Corpn. Hydraulic Power Supply, Whitworth St. West, Manchester.
1884.	LEWIS, Sir WILLIAM THOMAS, Bart., K.C.V.O. (Vice-Presi-	Bute Mineral Estate Office, Aberdare; and Mardy, Aberdare.
1894.	LIEBERT, HENRY ANTON	Messrs. John Holroyd & Co., Perseverance Works, Milnrow, Rochdale.
1880.	LIGHTFOOT, THOMAS BELL	[Separator, London.]; and 22 Thorney Court, Palace Gate, W.
1903.	LILLY, WALTER ELSWORTHY, D.Sc	Assist. Prof. of Civil Engineering, 39 Trinity College, Dublin.
1905. A.M. 1908. M.	LIMPUS, ARTHUR EDWARD JEWERS	70 Dhurrumtolla St., Calcutta, India.
1908.	LINDLEY, HERBERT	Manager, Messrs. Kendall & Gent, Victoria Works, Gorton, Man- chester.
1901.	LINDSAY, ROBERT	Somerville House, Dundee.
1891.	LINDSAY, WILLIAM ROBERTSON	Roselinn Cottage, 213 Clepington Rd., Dundee.
1890,	LINEHAM, WILFRID JAMES	Goldsmiths' Institute, New Cross, S.E.; and 21 Newstead Rd., Lee, S.E.
1902.	LIRONI, VITTORIO GIOVANNI	Resident Eng., Corpn. Tramways, Power Stn., Fratton, Ports- mouth; and Como Villa, Cousins Grove, East Southsea, Ports-
1876.	LISHMAN, THOMAS	(mouth. Eppleton Hall, Hetton-le-Hole, Co. Durham.

1890.	LISTER, ROBERT RAMSBOTTOM	11 Athol Rd., Alexandra Park, Manchester.
1900.	EDWIN, R.N. Rear-Admiral	9 Herbert Rd., Southsea, Ports- mouth.
1904.	LITTLE, JOHN	Chief Eng., Messrs. Cammell, Laird & Co., Cyclops Steel and Iron Works, Sheffield.
1905.	LITTON, FRANCIS HENRY	714 Anlaby Rd., Hull.
1890.	LIVENS, FREDERICK HOWARD	Messrs. Ruston Proctor & Co., Sheaf Iron Works, Lincoln.
1900.	LIVERSEDGE, Eng. Com- mander HENRY THOMAS, R.N., ret	c/o Messrs. Burnett & Co., 123 Pall Mall, S.W.
1901. A.M. 1903. M.		Loco. Supt., Co. Donegal Rlys. Joint Committee, Stranorlar, Co. Donegal.
1895.	LIVINGSTON, JAMES	30 Great St. Helen's, E.C. [Cine-rary, London.]
1886.	LIVSEY, JOHN EDWARD	34 Octavia St., Battersea, S.W.
1905.	LINDSAY, R.E., ret	44 Avenue Mansions, Finchley Rd., N.W.
1907.	LLOYD, RICHARD	Château Margot, East Coast, Demerara, British Guiana.
		(Messrs. Hayward Tyler & Co.,
1882.	LLOYD, ROBERT SAMUEL	99 Queen Victoria St., E.C.
		[Tylerox, London. 192 Bank.] (St. Erth Villa, Bartholomew Rd.,
1900.	LOBB, CHRISTOPHER	Camden Rd., N.W.
1000		Messrs. Lobnitz & Co., Renfrew,
1898.	LOBNITZ, FRED	near Paisley; and Ross Hall, Crookston, Renfrewshire.
1879.	LOCKHART, WILLIAM STRONACH	67 Granville Park, Blackheath,
		(Classes and W. of Seatland Mach.
1905. A.M.	Longbottom, Professor John Gordon	Glasgow and W. of Scotland Technical College, Glasgow.
1909.	LONGFIELD, Captain WILLIAM	Sudan Government Rlys., Atbara,
1902. A.M.	ELRINGTON, R.E	\ Sudan, Egypt. \(28 \text{ Gledstanes Rd., West Kensing-} \)
1902. A.M. 1908. M.		ton, W.
1894.	{Longridge, Captain Cecil} CLEMENT	Patuasi.
1880.	{LONGRIDGE, MICHAEL (Member of Council)	Chief Eng., British Engine, Boiler and Electrical Insurance Co., 12 King St., Manchester.
1856.	Longridge, Robert Bewick	Managing Director, British Engine, Boiler and Electrical Insurance Co., 12 King St., Manchester; and Yew Tree House, Tabley, Knutsford.
1875.	LONGRIDGE, ROBERT CHARLES	Kilrie, Knutsford.
1880.	LONGWORTH, DANIEL	Messrs. Alcock, Ashdown & Co., Mazagon, Bombay.
1899.	LIAM, R.N	93 London Road, Portsmouth.
1887.	Lorrain, James Grieve	Norfolk House, Norfolk St., W.C. [Lorrain, London.]
1901.	LOUD, HENRY SHERMAN	165 Broadway, New York, United States.

Date	0	ſE	llec	ti	on
and	of	T	ran	Bf	er.

1888.	Low, Professor David Allan	East London College, Mile End Rd., E. (Monifieth Foundry, Monifieth,
1903.	Low, William	Dundee. [Low, Monifieth. 1 Monifieth.]
1909.	Lowcock, Sidney Richard	50 Queen Anne's Gate, West- minster, S.W.
1873. 1889.	Lucas, Arthur Lucy, Arthur John	27 Bruton St., New Bond St., W. The Old Hill, Astley, Stourport.
1897.	LUCY, ERNEST EDWARD	Govt. Rlys., Eveleigh, Sydney, N.S.W.
1886. G. 1890. M.	LITTLY VVILLIAM THEODORG	107 Woodstock Rd., Oxford.
1902.	LUKIS, WILFRID RAVENSHAW FELLOWES	Rising Sun Petrol Co., Yokohama, Japan.
1908.	LUMLEY, GASCOIGNE	Marine Department, Lagos, Southern Nigeria.
1895.	{Lumsden, Thomas Temple- ton Mackie	Managing Director, Messrs. James Milne & Son, Milton House Works, Edinburgh.
1877.	LUPTON, ARNOLD	7 Victoria St., Westminster, S.W. [5078 Westminster.]
1900.	LUPTON, WILLIAM WALTER	Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds; and Malton.
1902. A.M. 1908. M.	VON ARTHUR ANDERSON	164 Haverstock Hill, N.W.
		40 D 11 CL C 1 . NOW
1907. 1888.	Macartney, James	10 Bridge St., Sydney, N.S.W. 44 Tamarind Lane, Bombay, India. (Caxton House, Westminster, S.W.
1883.	Macbeth, Norman	[Embeeco, London. 5696 West-minster.]
1884. 1877.	MacCarthy, Samuel MacColl, Hector	8 Woodfield Avenue, Ealing, W. Bloomfield, Belfast.
1897.	MACDONALD, DAVID JOHN-	South St. Roque's Works, Dundee.
1904.	MACDONALD, DONALD	[Medalist, Dundee. 239.] King's Building, Hong Kong,
		China. (55 West Regent St., Glasgow.
1901.	MACDONALD, FITZ CHARLES	[Kindat, Glasgow.]
1910.	MACDONALD, JAMES	Govt. Marine (Eng. and Shipwright) Surveyor, Harbour Dept., Hong Kong, China.
1903.	MACDONALD, JAMES TURRIFFE SINCLAIR	Bristol Wagon Works, Lawrence Hill, Bristol.
1899.	Macdonald, John	Bridge Turbine Works, Pollok- shaws, Glasgow. [Consulting, Pollokshaws. Z 248.]
1895.	MACGARVEY, HOWARD	Lombard Street Works, Dublin.
1906.	MacGregor, James	Manager, Messrs. Sanderson Brothers and Newbould, Shef- field.
1897. A.M 1904. M	I. MACIVOR, ALEXANDER	Messrs. Potter & Co., Hollins Paper Mills, Darwen.

1890.	Mackay, Joseph	Govt. Supt., Marine Surveys, Bang- kok, Siam. [Mackay, Bangkok.]
1885.	MacKenzie, John William	40 Chancery Lane, W.C.; and Oakamoor, Dartnell Park, By-fleet, Weybridge.
1883. G. 1902. M.	Mackenzie, Thomas Brown	Messrs. David Colville & Sons, Dalzell Steel and Iron Works, Motherwell; and Netherby, Manse Rd., Motherwell.
1906.	MACKIE, WILLIAM ARBUCKLE	Govan Shipbuilding Yard, Govan, Glasgow.
1875.	Maclagan, Robert	Hazelbury Bryan, Sturminster Newton, S.O., Dorset. (Messrs. Alexander Scott & Sons,
1886.	MacLean, Alexander Scott	Sugar Refinery, Berry-yards, Greenock; and 31 Bank St., Greenock.
1901.	MACLURE, WILLIAM GEORGE PERCY	Loco. Running Supt., G.C. Rly., Gorton, Manchester.
1901.	MACMILLAN, COLIN CAMPBELL	Bengal Iron and Steel Co., Burra- kur, Bengal.
1906.	Macmillan, Hugh	Les Forges et Fonderies de Maurice, Port Louis, Mauritius.
1902. A.M. 1909. M.	> WALNAB. I HOWAS FOLLOW	Britannia Machine Tool Works, Bredbury, Manchester. [Macnab, Woodley. 289 Stockport.]
1902.	MacNay, Arthur	Dist. Loco. Supt., Cape Govt. Rlys., De Aar, Cape Colony.
1901.	MacQueen, John	Messrs. Yarrow & Co., Scotstoun, Glasgow.
1906.	MADELEY, CHARLES	Messrs. Taylor & Challen, 60-62 Constitution Hill, Birmingham.
1879.	Maginnis, James Porter	11 Carteret St., Queen Anne's Gate, Westminster, S.W. [Offset, London. G.P.O. 192 Victoria.]
1900. A.M. 1902. M.	Main, John Palmer Scott	Assist. Inspecting Officer of Rlys., Board of Trade, Trafalgar Bldgs., 1 Charing Cross, S.W.
1873.	MAIR-RUMLEY, JOHN GEORGE (Life Member)	[43 Palace Court, W. [Ipsum, London.]
1884.	Mais, Henry Coathupe	34 Murphy St., South Yarra, Melbourne, Victoria.
1006.	Major, Charles George	Messrs. Archibald Smith & Stevens, Janus Works, Queen's Rd., Battersea, S.W.
1883. G.) 1893. M.)	Malan, Ernest de Mérindol	Soc. Anonyme Westinghouse, Eta- blissements de Freinville, Sévran, S. & O., France.
1879.	Malcolm, Bowman	Loco. Eng., Belfast and Northern Counties Rly., Belfast.
1905. A.M.) 1907. M.)	MALCOLM, GEORGE WILLIAM	Chief Eng., Salt Union, Ltd., Winsford, S.O., Cheshire.
1896. A.M.) 1898. M.)	Malloch, William Farquhar	Town Office, Uitenhage, Cape Colony.
1891.	MANISTY, EDWARD	Dundalk Iron Works, Dundalk, Ireland; and 24A Bryanston
1888.	Mano, Professor Bunji	Square, W. Imperial University, Tokyo, Japan.

and of Transfer	•	
1894. G.)	(Managing Director, Messrs. Edwin
1896. A.M.	MANSFIELD, ALFRED	Mansfield & Sons, 20 Redcross
1909. M.		St., Liverpool.
1894. A.M.		(59 Green Bank Rd., Devonshire
1899. M.	> WIANGETELD BUDWIN ALREST	Park, Birkenhead.
1099. 11.)	(Loco. Supt., Glasgow & S.W. Rly.,
1891.	MANSON, JAMES	
		Kilmarnock.
1897.	MANTLE, HARRY GEORGE	44 Cartwright Gardens, Tavistock
	,	Square, W.C.
1893 A M	MANTON, ARTHUR WOODROFFE,	Messrs. S. Pearson & Son, In-
1899. M.		corporated East River Tunnels,
1000. 111.) D.Sc	Long Island City, N.Y., U.S.
1000	(MAPPIN, Sir FREDERICK	(Sheaf Works, Sheffield; and
1862.	THORPE, Bart	Thornbury, Sheffield.
		(Messrs. John Wilkes, Sons &
4000		Mapplebeck, Liverpool St., Bir-
1897.	MAPPLEBECK, EDWARD	mingham. [Wilkes, Birming-
		ham.]
1878.	Mary Cropana	4 Rue du Général Foy, Paris (8°).
1010.	Marié, Georges	
1900.	MARKHAM, REGINALD GAS-	Brooklyn, 50 Ritherdon Rd.,
	COIGNE LAW, R.N	Balham, S.W.
1891.	(MARKS, EDWARD CHARLES)	13 Temple St., Birmingham.
	\ ROBERT	
	(MARKS, GEORGE CROYDON,	(18 Southampton Bldgs., Chancery
1888.	,	{ Lane, W.C. [Reconstruction,
	(M.P	[London.]
		(Supt. of Machinery, Karachi Muni-
1896.	MARKWICK, ALFRED ERNEST	cipality, Lawrence Rd., Karachi,
	,	India.
1004		
1884.	MARQUAND, AUGUSTUS JOHN	2 Dock Chbrs., Bute Docks, Car-
1884.	MARQUAND, AUGUSTUS JOHN	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.]
		2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] (Eng. and Loco. Supt., Mid. & G.N.
1884. 1887.	MARQUAND, AUGUSTUS JOHN MARRIOTT, WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable,
1887.		2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk.
1887. 1903. A.M.)	MARRIOTT, WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy
1887.		2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C.
1887. 1903. A.M.)	MARSH, CHARLES FLEMING	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C.
1887. 1903. A.M. 1907. M.	MARRIOTT, WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton.
1887. 1903. A.M.) 1907. M.) 1896,	MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus,
1887. 1903. A.M. 1907. M.	MARSH, CHARLES FLEMING	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.]
1887. 1903. A.M.) 1907. M.) 1896. 1900.	MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees
1887. 1903. A.M.) 1907. M.) 1896,	MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough.
1887. 1903. A.M.) 1907. M.) 1896. 1900.	MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough.
1887. 1903. A.M.) 1907. M.) 1896. 1900.	MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough.
1887. 1903. A.M.) 1907. M.) 1896. 1900.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gains- borough. [Marshalls, Gains-
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.]
1887. 1903. A.M.) 1907. M.) 1896. 1900.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN MARSHALL, HERMANN DICKEN-	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gains-
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. 10.] Britannia Iron Works, Gainsborough.
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890. 1897.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN {MARSHALL, HERMANN DICKENSON	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough.
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN MARSHALL, HERMANN DICKEN-	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough.
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890. 1897. 1901.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN (MARSHALL, HERMANN DICKENSON MARSHALL, JAMES	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.]
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871.	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN (MARSHALL, HERMANN DICKENSON MARSHALL, JAMES	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. [Marshalls, Gainsborough. 10.] Chief Eng., Municipal Offices,
1887. 1903. A.M., 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M.)	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN {MARSHALL, HERMANN DICKENSON	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.]
1887. 1903. A.M., 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M., 1896. A.,	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN (MARSHALL, HERMANN DICKENSON MARSHALL, JAMES MARSHALL, LAUNCELOT PAUL	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Chief Eng., Municipal Offices, Rangoon, Burma.
1887. 1903. A.M., 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M., 1896. A., 1899. M.)	MARSH, CHARLES FLEMING MARSH, CHARLES FLEMING MARSH, DOUGLAS EARLE MARSHALL, ALFRED WILLIAM MARSHALL, FRANK HERBERT MARSHALL, HERBERT JOHN MARSHALL, HERMANN DICKENSON MARSHALL, JAMES MARSHALL, LAUNCELOT PAUL MARSHALL, LEWIS	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Chief Eng., Municipal Offices, Rangoon, Burma.
1887. 1903. A.M., 1907. M., 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M., 1896. A., 1899. M., 1902.	MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, ROBERT	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough.] Chief Eng., Municipal Offices, Rangoon, Burma. The Laurels, Greenroyd, Halifax. Elmwood, Elers Rd., Ealing, W.
1887. 1903. A.M., 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M., 1896. A., 1899. M.)	MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, ROBERT MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, ROBERT	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Chief Eng., Municipal Offices, Rangoon, Burma. The Laurels, Greenroyd, Halifax. Elmwood, Elers Rd., Ealing, W. Imperial Hotel, Malvern.
1887. 1903. A.M.) 1907. M.) 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M.) 1905. M.) 1896. A.) 1899. M.) 1902. 1877.	MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, WILLIAM BAYLEY	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Chief Eng., Municipal Offices, Rangoon, Burma. The Laurels, Greenroyd, Halifax. Elmwood, Elers Rd., Ealing, W. Imperial Hotel, Malvern. Pedmore, Stourbridge. [Marten,
1887. 1903. A.M., 1907. M., 1896. 1900. 1890. 1897. 1901. 1871. 1899. A.M., 1905. M., 1896. A., 1899. M., 1902.	MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, ROBERT MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, LEWIS MARSHALL, ROBERT MARSHALL, ROBERT	2 Dock Chbrs., Bute Docks, Cardiff. [Martial, Cardiff.] Eng. and Loco. Supt., Mid. & G.N. Joint Rlys., Melton Constable, Norfolk. Metropolitan Water Board, Savoy Court, Strand, W.C. Loco. and Carr. Supt., L.B. & S.C. Rly., Brighton. 28 New Bridge St., Ludgate Circus, E.C. [332 Central.] Messrs. Wilsons, Pease & Co., Tees Iron Works, Middlesbrough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. Britannia Iron Works, Gainsborough. [Marshalls, Gainsborough. 10.] Chief Eng., Municipal Offices, Rangoon, Burma. The Laurels, Greenroyd, Halifax. Elmwood, Elers Rd., Ealing, W. Imperial Hotel, Malvern.

1881. (MARTIN, EDWARD PRITCHARD) (Life Member), (Past-President)	Dowlais Iron Works, Dowlais; and The Hill, Abergavenny.
1905. MARTIN, FRANCIS AMBROSE	(Messrs. Singh & Sons, Rawal Pindi, Punjab, India.
1904. A.M.) MARTIN, PERCY	Works Manager, Daimler Motor Co., Coventry. (Engineering Mangr., Scheldt Royal
1886. MARTIN, WILLIAM HAMILTON	Shipbuilding and Engineering Works, Flushing, Holland.
1882. G. MARTINDALE, WARINE BEN 1889. M. HAY	(83 Cannon St., E.C.; and Haistwell House, Sunningdale, Ascot. 64 Victoria St., Westminster, S.W.
1884. Massey, George	Post Office Chambers, Pitt St., Sydney, N.S.W.
1903. Massey, Harold Fletcher	Works Manager, Messrs. B. and S. Massey, Openshaw, Manchester.
1895. A.M.) MASSEY, LEONARD FLETCHER	Messrs. B. and S. Massey, Openshaw, Manchester. [Masseys, Openshaw. 300.]
1898. Massey, William Henry	25 Queen Anne's Gate, Westminster, S.W.; and Twyford, R.S.O., Berks.
1892. Masterton, John Fraser	Loco. Dept., S.E. & C. Rly., Ashford, Kent.
1903. MASTERTON, WALTER NEILL	Marine Dept., Singapore, Straits Settlements.
1899. Mastrantonis, Panayotis	Engine and Boiler Works, Piraeus, Greece.
1894. Mather, George Radford	Albion Foundry, Wellingborough. [Mather, Wellingborough.]
1867. MATHER, Sir WILLIAM	Salford Iron Works, Manchester; and Bramble Hill, Bramshaw, New Forest, Hants.
1883. MATHER, WILLIAM PENN	Queen Dyeing Co., Providence, Rhode Island, U.S.
1900. Mathews, Charles James	Chief Inspector of Machinery, Perth, W. Australia.
1902. Матнот, Rodolphe	14 Rue de la Braie, Brussels, Belgium.
1907. Matthews, Joseph	6 Mayfield Rd., Grassendale, Liverpool.
1886. {MATTHEWS, Robert (Member of Council)	Parrs House, Heaton Mersey,
1893. MAUNSELL, RICHARD EDWARD LLOYD	Assist. Loco. Eng., G.S. & W. Rly., Inchicore Works, near Dublin.
1873. (MAW, WILLIAM HENRY, LL.D. (Past-President)	35 Bedford St., Strand, W.C. [Gerrard 3663.]
1884. MAXIM, Sir HIRAM STEVENS	Ryecotes, Dulwich Common, S.E.
1905. {MAXWELL, DAVID WILLIAM FRANCIS	77 Lawrie Park Road, Sydenham, S.E.
1903. MAY, CHARLES RAMSDEN	Orwell Lodge, Erith, S.O., Kent.
1908. May, Walter, R.N	Pulsometer Engineering Co., 61 and 63 Queen Victoria St., E.C.
1901. G.) 1902. A.M.) MAYO, CHARLES ROBERT	{c/o C. H. Fox, Alderman's House, Bishopsgate, E.C.

1905.	McBride, William	Works Manager, Messrs. Otto Trechmann, Warren Cement Works, Hartlepool.
1907.	McCall, Duncan	Messrs. Jessop & Co., Calcutta, India.
1905.	McColl, Hugh	Transkeian Collieries, Cala, Cape Colony.
1898.	McCowen, Victor A. H	The Gables, Singleton Rd., Kersal, Manchester.
1891.	McCredie, Arthur Latimer	9 Bridge St., Sydney, N.S.W. [Ebony, Sydney. 63.]
1878. G.) 1880. M.)	McDonald, John Alexander	c/o McDonald, Scales & Co., 4 Chapel St., Cripplegate, E.C.
1905. A.M.) 1908. M.)	McDonald, William, R.N.R.	Tanjong Pagar Dock Board, Singapore, Straits Settlements.
1905.	McFarlane, John Alexander	Messrs. McMurray's Royal Paper Mills, Wandsworth, S.W.
1909.	McFarlane, Lauchlan Grant	Messrs. Vickers, Sons & Maxim, Barrow-in-Furness.
1895.	McGee, Walter	Albion Works, Laighpark, Paisley.
1889.	McIntyre, John Henry A	Glasgow and W. of Scotland Tech- nical College, Glasgow.
1902.	McIvor, Benjamin Robert	Ivanhoe, Buckingham Avenue, Sefton Park, Liverpool.
1901.	McKechnie, James	Messrs. Vickers, Sons and Maxim, Naval Construction Works, Barrow-in-Furness.
1880.	McLachlan, John	Thistle Engine Works, Paisley. [Bow, Paisley.]
1888.	McLaren, Henry	Midland Engine Works, Leeds. [McLaren, Leeds.]
1903.	McLaren, John	Midland Engine Works, Leeds. [McLaren, Leeds.]
1903.	McLaren, John	Messrs. G. Grinyer & Co., 4 & 6 Green St., Stepney, E.
1900. A.M. 1902. M.	McLaren, John Alexander	48 St. Michael's Rd., Headingley, Leeds.
1882. G.) 1884. M.)	McLaren, Raynes Lauder	Genl. Manager, Messrs. Andrew Handyside & Co., Britannia Iron Works, Derby.
1899.	McLaren, Richard Andrew	Babcock and Wilcox Co., Renfrew, R.S.O., Renfrewshire.
1901.	McLaren, William Alex-	P.O. Box 1209, Johannesburg, Transvaal.
1902. A.M.) 1906. M.)	McMahon, John Joseph	Corpn. Tramways, 55 Piccadilly, Manchester.
1904.	McMahon, Peter Valentine	Chief Eng., City and S. London Rly., 195 Clapham Rd., S.W.
1885.	McNeil, John	Messrs. John McNeil & Co., Helen St., Govan, Glasgow. [Colonial, Glasgow.]
1896.	McPherson, Stewart	Manager, Barnagore North Mill,
1901.	McQueen, John Charles	Calcutta, India. St. Georges, Grenada, West Indies.
1903.	McReddie, Charles Edward Boyesen	(B. Mitre 476, Buenos Aires, Arg. Rep.
1891.	MFADE, THOMAS DE COURCY	Town Hall, Manchester.

and of fransier.		
1899.	MEADEN, NICHOLAS, R.N	(Danbury, Alexandra Rd., Reading.
1905.	Меек, Јони	Stanley House, Barras Lane, Coventry. [Former Member 1898-1901.]
1881.	Meik, Charles Scott	St., Westminster, S.W. (Eng. of the Kent District, Metro-
1887.	Melhuish, Frederick	politan Water Board, Brookmill Rd., Deptford, S.E.
1903.	MELL, LEONARD PARRY	Eversfield, Leamington Spa.
1906.	MELLANBY, Professor ALEX- ANDER LAWSON, D.Sc	The reculical College, Clasgow.
1888.	MELVILLE, WILLIAM WILKIE	Messrs. E. Green & Son, Hastings House, Norfolk St., Strand, W.C.
1900.	MENDHAM, CONRAD FIELD	35 Gracechurch St., E.C. [Pyrotic,
1878.	MENIER, HENRI	London. 9471 Central.] 56 Rue de Châteaudun, Paris.
10,0.	minimus, illimiter	(Messrs. Robert Maclaren & Co.,
1906.	Menzies, John	Eglinton Foundry, Port Eglinton, Glasgow.
1897.	MEREDITH, JOHN	Frodingham House, Frodingham,
1894.	MERRICK, ROBERT	Warren's Place Iron Works, Cork.
2001		(Economical Gas Apparatus Constr.
1896.	MERRIFIELD, LEONARD LAN-	Co., 19 Abingdon St., West-minster, S.W.
1875.	MERRYWEATHER, JAMES COMP-	Fire-Engine Works, Greenwich Rd., S.E.; and 4 Whitehall Court, S.W. [Merryweather, London.]
1908.	METCALFE, ARTHUR WHARTON	The Hall, Cheddar, Somerset.
1906.	METCALFE, JAMES	Messrs. Davies and Metcalfe,
1881.	MEYSEY-THOMPSON, ARTHUR HERBERT	Romiley, Manchester. Messrs. Hathorn Davey & Co., Sun Foundry, Dewsbury Rd., Leeds.
	MICHELL, Eng. Lieut. WILLIAM HENRY, R.N. (Life Member)	Chief Engineer's Office, H.M. Dockyard, Malta.
1898.	Micklewright, William	Messrs. James Russell & Sons, Wednesbury; and Hughenden,
2000.	The state of the s	Hollies Drive, Wednesbury.
1899. A.M.)	Manager Hann Hanna	Box 1049, Mech. Branch, Munici-
1905. M.)	MIDDLETON, HARRY HERBERT	pal Council, Johannesburg, Transvaal.
1884.	Middleton, Reginald Empson	17 Victoria St., Westminster, S.W. [Appoint, London. Westminster 75.]
1891.	MIDDLETON, ROBERT	Sheepscar Foundry, Leeds.
1891.	MIDDLETON, ROBERT THOMAS	Late Assist. Eng., B.B. & C.I. Rly.,
1893,	MILLAR, JACKSON	Bombay; 26 Selborne Rd., Ilford. 11 Bothwell St., Glasgow.
1902.	MILLAR, THOMAS	81 St. Vincent St., Glasgow.
1904.	MILLER, DAVID	Supt. Eng., Spanish Royal Mail Co., 19 Princes St., Bootle, Liverpool.
1005	Manager II.	Messrs. Fraser & Chalmers, P.O.
1885.	MILLER, HARRY WILLIAM	Box 619, Johannesburg, Transvaal.
		(Total

1886.	MILLER, JOHN SMITH	Messrs. Smith Brothers & Co., Hyson Green Works, Notting- ham.
1887.	MILLER, THOMAS LODWICK	9 & 10 Tower Bldgs., Water St., Liverpool. [Kinetic, Liverpool. 6216.]
1900. G.) 1903. A.M.) 1908. M.)	MILLER, WILLIAM THOMAS WARD	\$48 Ranmoor Terrace, Fulwood Rd., Sheffield.
1893.	MILLIGAN, WILLIAM SCOTT	Messrs. Pollit and Wigzell, Bank Foundry, Sowerby Bridge.
1885.	MILLIS, CHARLES THOMAS	Principal, Educational Dept., Borough Rd. Polytechnic, S.E.
1908. 1901. A.M.)	MILLS, CHARLES WILLIAM	Aspley Iron Works, Huddersfield. (F.M.S. Rly., Kuala Lumpur, Se-
1904. M.)	MILLS, FRANK	langor, Malay Peninsula. (Genl. Manager, Ebbw Vale, R.S.O.,
1905.	MILLS, FREDERICK	Mon.
1898.	MILLS, GEORGE PILKINGTON	Everdene, Putney Common, S.W. Atlas Works, Bonner's Field, Sun-
1897.	MILLS, WILLIAM	derland [Engineer, Sunderland. 552.]; and Northwood, Roker, Sunderland.
		Castle Bldgs., West St., Durban,
1887.	MILNE, WILLIAM	Natal [Metallic, Durban.]; and Furnheim, Rosetta Rd., Durban, Natal.
1898. A.M. 1902. M.	MINDO, ARNOLD WALDEMAR	Withy Grove, Fulwood, Preston.
1898.	MITCHELL, GEORGE	Manager, Vacuum Brake Co., 32 Queen Victoria St., E.C. [Solu- tion, London. Bank 5534.]
1907.	MITCHELL, ROBERT	Manager, Sugar Machinery Mfg. Co., 76 Elsham Rd., W.
1892.	MITCHESON, GEORGE ARTHUR	Hem Heath, Trentham, Stoke-on- Trent. (Smithfield Works, Sherlock St.,
1899.	MITTON, EDWARD MOSS	Birmingham. [Method, Birmingham.]
1897.	MIYABARA, Eng. Vice-Admiral Baron Jiro, I.J.N	Near Omori Station, Tokyo, Japan.
1907.	MIZUTANI, YOSHIHIKO	Kure Kosho, Kure, Japan.
1906.	MOBERLY, JAMES EDWARD	Craig Lea, Uplands Rd., Darlington.
1896. 1903. A.M.)	MOFFATT, ALEXANDER CHARLES MOFFET, JAMES SCOTT DUN-	15 Trossachs Rd., E. Dulwich, S.E.
1906. M.	CAN	Genl. Manager, Corpn. Tramways, Mellor St., Rochdale.
1898.	Molecey, Charles Simpson Twigge	Chief Eng., Colonial Consignment & Distributing Co., Nelson's Wharf, Commercial Rd., Lambeth, S.E.
1879.	Molesworth, Sir Guilford Lindsay, K.C.I.E	14 Howick Place, Victoria St., Westminster, S.W.
1905.	MOLESWORTH, WALTER HEN- DERSON	14 Howick Place, Victoria St., Westminster, S.W.
1907.	MOLINEUX, CYRIL ROLAND NEWMARCH	Govt. Harbour, Calabar, Southern Nigeria.
1881.	Molinos, Léon	60 Rue de la Victoire, Paris.
1907.	MOLLOY, CHARLES PATRICE	Dist. Loco. Supt., S. Mahratta Rly., Hubli, India.

		(c/o Messrs. Thomas Cook & Son,
1899.	Molloy, Harry James	Bombay.
1905.	MONEY-KENT, JULIAN MONEY VERNON	\$25 Old Queen St., Westminster, S.W. [1156 Victoria.]
1897.	Monkhouse, Edward Wynd-	[14 Old Queen St., Westminster, S.W. [Instructed, London. 771 Westminster.]
1902.	Monks, Frederick William	Managing Director, Messrs. Monks, Hall & Co., Warrington.
1884.	Monroe, Robert	Genl. Manager, Barry Graving Dock & Engineering Co., Barry Dock, near Cardiff.
1894. G.) 1898. M.)	Moon, Edgar Rupert	Cloudesleigh, Brixton, Plymouth.
1903. A.M.) 1906. M.)	MUUUN, MAMINS CINUBICIN	Messrs. C. & E. Morton, West Ferry Rd., Millwall, E.; and 14 Toronto Rd., Ilford.
1900. A.M.) 1907. M.)		Brockweir, Beech Avenue, Car- shalton, S.O., Surrey. Messrs. Ralli Brothers, Karachi,
1901.	Moore, James	India.
1895. A.M.) 1901. M.)		1 Cromwell Rd., Belfast.
1901.	MOORE, Eng. Lieut. WALTER LAUNCELOT, R.N.	H.M.S. "Falcon," c/o Postmaster General, E.C.
1880.	MORELAND, RICHARD	80 Goswell Rd., E.C. [Expansion,
1900.	Morgan, Charles Hill	London.] 21 Lincoln St., Worcester, Mass., U.S.
1887.	Morison, Donald Barns	Messrs. T. Richardson & Sons, Hart-
1907.	Morley, Professor Arthur	University College, Nottingham. (Messrs. Cole, Marchent & Morley,
1896.	Morley, Herbert William	Prospect Foundry, Bradford. [Cole, Bradford. 690.]
1888.	Morris, Charles	(c/o Messrs. Jessop & Co., 156 Lead- enhall St., E.C.
1874.	Morris, Edmund Legh	18 Chesham Place, Brighton.
1890.	Morris, Francis Sanders	4 Trafalgar Square, W.C.
1898.	Morris, John	Royal Technical Institute, Salford, Manchester.
1890.	{Morris, John Alfred (Life Member)	Empire Engineering Co., Empire Works, Clarendon Rd., Salford, Manchester.
	MORRIS, ROBERT EDMUND	Metrop. Water Board, New River Works, Finsbury Park, N.
1904. A.M. 1908. M.		Place, Calcutta.
1908.	Morrison, Frederick Thomas	Education Dept., Grahamstown, Cape Colony.
1903.	Morrison, Ralph Percy	Messrs. Tannett Walker & Co., Good- man St. Works, Hunslet, Leeds. (Genl. Manager, Messrs. Morrison
1906.	Morrison, William Lazonby	& Co., Fundicion Nacional, Valparaiso, Chile.
1907.	MORTIMER, Eng. Commander JOHN ERNEST, R.N	312 Mansion House Chbrs., 11 Queen Victoria St., E.C.
1902.	MORTIMORE, WILLIAM	Hawthorn Villa, Stamford Rd., Altrincham.

		(130 Bath St., Glasgow. [Counsel,
1892.	MORTON, DAVID HOME	(Glasgow. 4874.]
1905.	MORTON, THOMAS MORTON	Errol Works, Errol, R.S.O., Perthshire.
1904.	MOTION, ROBERT	Gowanbrae, Lenzie, Glasgow.
		(Close Works, Newcastle-on-Tyne
1886.	Mountain, William Charles	{ [Esco, Newcastle-on-Tyne. 1259.]; and The Hermitage, Gateshead.
1902. A.M.	35	Port of London Authority, India
1905. M.	> IVICIONATI. IVIAC+NIIS	and Millwall Docks, E.
1901.	MOWAT, THOMAS	Works Manager, Messrs. Harpers, Aberdeen.
1909.	Mower, Charles Hudson	Chief Eng., Sturtevant Engineering Co., 147 Queen Victoria St., E.C.
1884.	(Mower, George A. (Life	Sturtevant Engineering Co., 147
1004.	(Member)	Queen Victoria St., E.C. [Crosby, London. Bank 509.]
1893. A.M.) 1901. M.)	NIOVIAN WITHTAM WORGAN	c/o Messrs. Grindlay & Co., Calcutta.
1902.	MUCKLEY, WILLIAM HENRY	Supt. of Works, Corpn. Tramways,
1007	Manage One Harris	Lambeth Road Works, Liverpool. (Worthington Pump Co., 153 Queen
1907.	MUELLER, OTTO HILDEBERT	Victoria St., E.C.
1876.	Muirhead, Richard	66 Parrock St., Gravesend. (Cross Roads House, Bouverie Rd.,
1890.	Mumford, Charles Edward	Folkestone.
1897.	MUNRO, EDWARD MAY	Messrs. Brecknell, Munro & Rogers,
1000		Finsbury Pavement House, E.C. (Merchant Venturers' Technical
1890.	Munro, Professor John	College, Unity Street, Bristol.
1890.	Munbo, Robert Douglas	Regent Chbrs., 121 West Regent St., Glasgow. [Wattage, Glas-
2000,	ALUMAN, INDERES DOCUMENTS.	gow. 1967 Argyle.]
1000	(MURRAY, KENNETH SUTHER-	(British Oxygen Works, Elverton
1890.	{ LAND	St., Westminster, S.W. [111 Westminster.]
1894.	MURRAY, THOMAS ROBERTS	Managing Director, Messrs. Spencer
2002,	monat, inomas noments	& Co., Melksham.
1902.	MUSGRAYE, FRANK EVERARD	Globe Iron Works, Bolton. [Musgrave, Bolton.]
1899.	Musgrave, John Richard	Crown Point Foundry, East St.,
		Globe Iron Works, Bolton. [Mus-
1882.	MUSGRAVE, WALTER MARTIN	grave, Bolton.]
1897.	Musker, Arthur	Trafalgar Bldgs., 1 Northumberland Avenue, W.C.
1897.	MUSKER, CHARLES	Messrs. C. & A. Musker, Liverpool.
		[Fulgor, Liverpool. Anfield 215.] [Supt. Eng., Messrs. Bulloch Bro-
1901.	MUTTER, WILLIAM	thers & Co., Poozoondoung Foun-
		dry, Rangoon, British Burma.
1901.	Myers, Henry Sutcliffe	Messrs. Myers Brothers, Theaker Lane, Armley, Leeds.
1006	Manual Tours Comment	The Moat House, Walsgrave-on-
1906,	NAPIER, JOHN STEWART	Sowe, Coventry.
1899.	Nasbey, George William	59 Bath Rd., Banbury.

1888.	NATHAN, ADOLPHUS	Messrs. Larini Nathan & Co., Milan; and 15 Via Bigli, Milan, Italy.
1896. A.) 1899. M.)	Naylor, Sam	Messrs. Lumby, Son & Wood, West Grove Works, Greetland, Halifax. [Lumby, Halifax. 5 A.] Otto-Hilgenstock Coke-Oven Co.,
1898.	NAYLOR, TOM HYDE	4 Southampton Row, W.C.; and 27 Earlsthorpe Rd., Sydenham, S.E.
1903. A.M.) 1908. M.)	NEACHELL, EDWARD JOHN	Liverpool Overhead Rly. Co., 31
	NEAL, ROBERT HENRY BEN-	James St., Liverpool. Bank Chbrs., Princess Sq., Plymouth. [Output, Plymouth. 594.]
1883.	NEATE, PERCY JOHN	1 Holly Mount, Hampstead Heath, N.W.
1889.	NEEDHAM, JOSEPH EDWARD	Patent Office, 25 Southampton
1902.	NEIL, ALEXANDER	Bldgs., W.C. Palatine Works, Warrington.
1900. A.M.)		(Atlantic Chbrs., 45 Hope St., Glas-
1910. M.)	NEILSON, ROBERT MORRISON	gow. [Momentum, Glasgow. P.O. Central 4755.]
1906.	Nelson, George	Messrs. Jas. J. Niven & Co., 3 Salter's Hall Court, E.C.
1005 4 3/1		12 Great James St., Bedford Row,
1895. A.M.) 1898. M.)	NESBIT, DAVID MEIN	W.C. [Plenum, London. Holborn 587.]; and Victoria Foundry, Leicester.
1908.	NESBITT, ALEXANDER WALTER	Paulatim, Bearsden, Glasgow.
1909.	NESS, GEORGE	Chief Eng., Scottish Boiler Insurance Co., 111 Union St., Glasgow.
1904.	Newall, James Maurice	American Line, 27 James St., Liverpool.
1896. A.M.)	6	Messrs. Ernest Newell & Co., Stock-
1904. M.)	Newell, Ernest	with - on - Trent, Gainsborough. [Woods, Misterton.]
1897. A.M.) 1901. M.	Newman, Reginald William	Irrigation Dept., P.O. Box 40, Grahamstown, Cape Colony.
1902.	NEWMAN, WILLIAM EDWIN	Works Manager, Mid. & G.N. Joint Rly., Melton Constable,
1002	MEWMAN, WILLIAM EDWIN	Norfolk.
1897.	NEWTON, THOMAS GEORGE	Monte Rosa, Cumberland Park, Acton, W.
1905.	Niblock, Frederick	Supt. Eng., Tanjong Pagar Dock Board, Singapore, Straits Settle- ments.
1884.	NICHOLLS, JAMES MAYNE	Genl. Manager, Nitrate Railways Co., Iquique, Chile.
1884.	NICHOLSON, HENRY	39 Mayfield Rd., Alexandra Park, Manchester.
1907.	NICHOLSON, HENRY PERCY	32 Botanic Avenue, Belfast.
1907.	NICHOLSON, Eng. Lieut. JAMES BELL, R.N	(H.M.S. "Edgar," c/o Postmaster General, E.C.
1894.	Nicholson, John Rumney	Tanjong Pagar Dock Board, Singapore, Straits Settlements.
1899.	NICOL, ROBERT GORDON	Harbour Engineer, Aberdeen.
1909.	NICOLL, HARRY HOME	(Supt. Eng., Amazon Steam Naviga-
	,,	tion Co., Pará, North Brazil.

1909.	Nisbet, John Wylie	Messrs. John Aird & Sons, 59 Belvedere Rd., Lambeth, S.E.
1902.	Noakes, Thomas Elias	4 and 5 Osborn Place, Brick Lane, Whitechapel, E.
1886.	Noakes, Thomas Joseph	4 and 5 Osborn Place, Brick Lane, Whitechapel, E.
1884.	Noakes, Walter Maplesden	73 Clarence St., Wynyard Sq., Sydney, N.S.W.
1909.	NOLET, PAUL	25 Boulevard Militaire, Ixelles, Bruxelles, Belgium.
1904.	Norman, James	247A Cavendish Road, Balham, S.W.
1909.	NORRIS, ALBERT EDWARD FREETH	Maison Nachatey Bey No. 3, Shoubra, Cairo, Egypt.
1892.	NORRIS, WILLIAM	Peter Pilkington Ltd., Dowry Iron Works, Bamber Bridge, Preston.
1868.	NORRIS, WILLIAM GREGORY	Coalbrookdale Iron Works, Coalbrookdale, Shropshire.
1900.	NORTHEY, PERCY WILBRAHAM	Rolls-Royce, Ltd., 14 & 15 Conduit St., W.
1905.	NUGENT, Major CHARLES HUGH HODGES, R.E	5 Alexandra Road, Ghorpuri, Poona, India.
1898.	NUTT, GEORGE BEAUMONT	Glasgow Rly. Engineering Co., 12 Victoria St., Westminster, S.W.

1885.	Oakes, Sir Reginald Louis, Bart	Genl. Manager, Cairo Electric Rlys. and Heliopolis Oases Co., Cairo, Egypt.
1887.	O'BRIEN, BENJAMIN THOMPSON	30 Slater St., Liverpool.
1887.	O'Brien, John Owden	[6 Bank St., Manchester. [Owden, Manchester.]
1890.	Ockendon, William	Messrs. John Brown & Co., Atlas Steel and Iron Works, Sheffield.
1888.	O'Donnell, John Patrick	Palace Chbrs., 9 Bridge St., Westminster, S.W.; and Walton Lodge, Banstead, Surrey. [O'Donnell, London. Gerrard 3118.]
1889.	Ogden, Fred	Patent Office, 25 Southampton Bldgs., W.C.
1909.	OGLETHORPE, WILLIAM ALLAN	Mech. Supt., Mersey Docks and Harbour Board, Dock Office, Liverpool.
1903. A.M.) 1906. M.)	O'GORMAN, MERVYN	82 Victoria St., Westminster, S.W. [Cosmogony, London. 734 Westminster.]
1893.	OKE, FRANCIS ROBERT	Admaston Cottage, Wistaston, Nantwich.
1909.	Okolski, Stanislaw Jan	Messrs. Stanislaw, Patschke & Co., 68 Zelazna St., Warsaw, Russian Poland.
1901.	OLDHAM, FRED	Messrs, Alexander Oldham & Sons, Dukinfield. [Weldless, Dukin- field. Hyde 8.]

1902.	OLDHAM, GEORGE	Framwellgate Engine Works and Foundry, Durham. [Oldham, Durham. 3041.]
		Messrs. Alexander Oldham & Sons,
1900.	OLDHAM, THOMAS	Dukinfield. [Weldless, Dukin-field. Hyde 8.]
1906.	O'NEILL, JOHN	2 Percy Avenue, Kingsgate, Thanet.
		2 Comple Tree Comment W. C.
1882.	ORANGE, JAMES	3 Gray's Inn Square, W.C.
1899.	ORCUTT, HARRY FRED LEE	Hartford, Sutton-on-Sea, Lines.
1902.	ORDE, EDWIN LANCELOT	Sir W. G. Armstrong, Whitworth & Co., Walker Shipyard, Newcastle-on-Tyne.
1885.	ORMEROD, RICHARD OLIVER	Moorend Park Lawn, Cheltenham.
	(ORMSBY, ALFRED STEWART	Patent Office, Staple Inn, Holborn,
1899.	\	W.C.
	(AUGUSTUS	
1902.	ORMSBY, EDWARD STUART	Box 256, Cranbrook, British Columbia.
400#	0 0 0	(Managing Director, Messrs. James
1897.	ORR, CHARLES ROGER	F. Low & Co., Monifieth Foun-
		dry, Monifieth, Dundee.
1000 4 7/1		(Transvaal University College, P.O.
1902. A.M.)	ORR, Professor John	Box 1176, Johannesburg, Trans-
1905. M.	,	vaal.
		Warrington House, Fairfield, Man-
1907.	ORRELL, JOHN TURTON	
1000	O Di T	chester.
1909.	ORTEN-BÖVING, JENS	9½ Union Court, Old Broad St., E.C.
		Assist. Carr. and Wagon Supt.,
1899.	OSBORNE, THOMAS PETER	Midland Rly., Derby; and The
		Poplars, Spondon, Derby.
		Broadway House, 2 Broadway,
		Westminster, S.W.; and Manor
1867.	OUGHTERSON, GEORGE BLAKE	Cottage, Manor Lane, Lee,
		Lewisham, S.E.
1906.	OWEN, THOMAS	19 Rufford Road, Elm Park,
	O I I I I I I I I I I I I I I I I I I I	Liverpool.
1897.	OWENS, PHILIP ROBERT	135 Breck Rd., Wallasey, Birken-
1031.	OWERS, I HILLF HOBERT	head.
1000	O II To IV sor	(St. Stephen's House, Westminster,
1903.	OXLADE, HENRY JOHN WILSON	S.W. [881 Gerrard.]
		(
		(DA Dor O Promier Mine Trans
1908.	PACK, ALBERT EDWARD	P.O. Box 8, Premier Mine, Trans-
2.000.	a doily lilibria 110 mans	vaal.
1001 A M)		32 African House, 6 Water St.,
1901. A.M.)	Page, James Handford	Liverpool. [Indicator, Liverpool.
1905. M.		Central 2486.]
		General Supt's. Office, Midland
1905.	PAGET, CECIL WALTER	Rly., Derby.
1909.	PARDOE, HARRY	Messrs. Ruston, Proctor & Co.,
		Sheaf Iron Works, Lincoln.
1897. A.M.)	PARISH, CHARLES EDWARD	31 Hanger Lane, Ealing, W.
1900. M.	I ARISH, CHARLIES EDWARD	
· ·	Dine Course Angelia	(Carr. Supt., L. & N.W. Rly., Wol-
1898.	PARK, CHARLES ARCHIBALD	verton, R.S.O., Bucks.
		1 Cliff Gardens, Frodingham, Don-
1905.	PARKER, JOHN HENRY	caster.

1906.		PARKER, JOSEPH EDMUNDSON	Port Alfred, Grahamstown, Cape Colony.
1891.		PARKER, THOMAS, F.R.S.E	Severn House, Iron-Bridge, S.O., Salop.
1902.	A.M.)	PARKINSON, CHARLES FRED-	Res. Eng., Corpn. Electricity
1907.	M.)	ERICK	Works, Blackhall, Paisley.
1895. 1895.	A.M. M.	Parkinson, Hudson Clough	Engineer's Office, Cumberland Basin, Bristol Docks, Bristol.
1900.		PARKINSON, JOSEPH	Canal Iron Works, Shipley, Yorks.
1884.		PARLANE, WILLIAM	[Temples, Shipley. 4080.] Raleton Avenue, Crookston, Paisley.
1899.		PARBACK, WILLIAM THOMAS	Rochester Bldgs., 138 Leadenhall
			St., E.C. Creek House, Canje, Berbice,
1892.		PARRATT, WILLIAM HEATHER	British Guiana.
1892.		PARROTT, THOMAS HENRY	Fairlight, Westfield Rd., Edgbaston, Birmingham. (Staveley, Sandheys, Waterloo,
1886.		PARRY, ALFRED	Liverpool. [Revolving, Liver-
		,	pool. 770 Waterloo.]
1900.		PARRY-JONES, RICHARD	Salvage Assocn., Lake Dept., 321 Perry-Payne Bldg., Cleveland,
		,	Ohio, U.S.
1878.		PARSONS, The Hon. RICHARD	[39 Victoria St., Westminster, S.W. [Outfall, London.]; and 48
2010.		CLERE	Prince's Gardens, S.W.
1904.		PARTRIDGE, HENRY RALPH CHAMPION	6 Church Row, Putney Bridge, Fulham, S.W.
	1		Suffolk House, & Laurence Pount-
1886.		Passmore, Frank Bailey	ney Hill, E.C. [Knarf, Lon-
			[Caxton House, Tothill St., West-
1896.		PATCHELL, WILLIAM HENRY	minster, S.W. [Patchell, Lon-
			don. 898 Westminster.] (Managing Director, Messrs. John-
1903.	A.M.)	PATERSON, SYDNEY	son and Phillips, Ltd., Charlton,
1908.	M.)		S.O., Kent. [Juno, Charlton, Kent. 75 Central.]
1880.	G.)	PATERSON, WALTER SAUNDERS	27 St. Stephen's Rd., Ealing, W.
1884.	M.)	a management of the second	(Managing Director, Paterson En-
1910.		PATERSON, WILLIAM	gineering Co., 12 Norfolk Street, Strand, W.C.
1902.		PATEY, ARTHUR PETTMAN	H. M. Office of Works, Storey's
1908.	M. 5		Gate, Westminster, S.W. Messrs. Manlove Alliott & Co.,
1877.	{	PATON, JOHN McCLURE CALD-	Bloomsgrove Works, Ilkeston
	1	WELL	Rd., Nottingham. [Manloves, Nottingham.]
1881.		PATTERSON, ANTHONY	Dowlais Iron Works, Cardiff; and
			9 Glossop Terrace, Cardiff. (Chief Eng., Alexandra Dock and
1904.		Pattinson, Joseph	Chief Eng., Alexandra Dock and Rly. Co., Newport, Mon.
1891.		Paul, Matthew	Levenford Works, Dumbarton. Standard Iron Works, Colchester.
1872.		PAXMAN, JAMES NOAH	[Paxman, Colchester.]
1900. 1903.	A.M. }	PAYNE, Professor HENRY	The University, Melbourne, Vic-
2000.	MI.)		toria.

1880.	PEACHE, JAMES COURTHOPE	Messrs. Willans & Robinson, Victoria Works, Rugby.
1890.	PEACOCK, JAMES ALBERT	Egyptian Delta Land and Invest-
	WELLS	ment Co., Cairo, Egypt. Gorton Foundry, Manchester; and
1869.	PEACOCK, RALPH	Avon Castle, Ringwood.
1899. A.M.)	Pearce, Standen Leonard	Corpn. Electric Light Stn., Dickin-
1902. M.	Land, Starbar Landians	son St., Manchester.
1897.	PEARCE, THOMAS	Managing Director, Messrs. Johns & Waygood, Sturt St., S. Mel-
		bourne, Victoria.
1884.	Pearson, Frank Henry	(3 Whitefriargate, Hull. [Pears, Hull. 221X.]
1906.	PEARSON, JAMES	Messrs. Marsland, Price & Co.,
		Nesbit Rd., Mazagon, Bombay.
1904. A.M.)	D	Loco. Supt. and Works Manager, Alexandra (Newport and S.
1907. M.)	PEARSON, THOMAS WILLIAM	Wales) Docks and Rly., New-
1901.	Daysa Town	port, Mon.
	PEART, JOHN	4 Abbey Terrace, Gateshead. (Atlas Locomotive Works, Bristol.
1903.	PECKETT, THOMAS	[Peckett, Bristol. 7306.]
1898. A.M.)	PEDLEY, HEBER ISAAC	Messrs. Rudge-Whitworth, Rea St.
1902. M. <i>f</i>	D C F	South, Birmingham.
		(Usine St. Madeleine, Trinidad,
1899.	PEET, JAMES	West Indies.
1898.	Dura Warrang Cangna	Loco. Dept., Midland Rly., Bris-
1030.	PRET, WILLIAM GADSBY	tol; and 57 Salisbury Rd., Redland, Bristol.
1903.	PENDLEBURY, CHARLES	149 Church Lane, Handsworth
		Wood, Birmingham.
1907. M.	Pendred, Lougenan St. Law-	33 Norfolk St., Strand, W.C.
1900.	PENDRED, VAUGHAN	Crohill, Pendennis Rd., Streatham, S.W.
1873.	PENN, WILLIAM	The Cedars, Lee, S.E.
1895. A.M.)	D W G	25 Victoria St., Westminster,
1901. M.)	PENN, WILLIAM COOPER	S.W. [Penniform, London. 182 Victoria.]
1904.	PERRY, WILLIAM FREDERICK	Suptg. Eng., Bombay Burma
1304.	SUCKLING	Trading Corpn., Rangoon, British Burma.
1894. A.)		(Moorgate Works, Moorfields, E.C.
1900. A.M. 1905. M.	PETERS, LINDSLEY BYRON	[Peters, London.]
1906. M.)	Petiz, Jorge Augusto	Estrada de Ferro Central do Brazil,
1900. A.M.)		Rio de Janeiro, Brazil.
1904. M.)	E BUTTER BURNING VVIII. CONTINUE	[Escapable, London. 8130 Bank.]
1898.	PETTIGREW, WILLIAM FRANK	Loco. Supt., Furness Rly., Barrow- in-Furness.
1893.	PHILIP, WILLIAM LITTLEJOHN	Sherbrooke, Box, Wilts.
1885.	PHILLIPS, CHARLES DAVID	Emlyn Engineering Works, New- port, Mon. [Machinery, Newport,
	PHILLIPS, LIONEL (Life Mem-	Mon.] (Messrs. Wernher, Beit & Co., 1
1885.	(ber)	London Wall Bldgs., E.C.

Date	of	Election
and	of '	Transfer.

1879. G.) 1884. M.) 1902. 1900. A.M.) 1903. M.)	PHILLIPS, ROBERT EDWARD PHILLIPS, WILLIAM PICKERING, FRANK PICKERING, JONATHAN	[70 Chancery Lane, W.C. [Phicycle, London. 7518 Central.] Loco. Dept., G.W. Rly., Bristol. [Electric Light Dept., Cape Govt. Rlys., Cape Town, Cape Colony. [Baltic Chbrs., 50 Wellington St., [Glasgow. [6180.]]
1905. A.M.)	PIERCY, GEORGE FREDERICK	53 and 54 Broad St., Birmingham.
1908. M.)	PIGOT, THOMAS FRANCIS	14 Fitzwilliam Place, Dublin.
1888. G.) 1890. M.)	PILKINGTON, HERBERT	Sheepbridge Iron Works, Chester-field.
1897. A.M.) 1899. M.)	PILLING, HENRY	Genl. Manager, Messrs. Galloways, Ltd., Knott Mill Iron Works, Manchester.
1883.	PILLOW, EDWARD	Director of Tech. Instruction for Norfolk, Shire Hall, Norwich; and 152 Thorpe Rd., Nor- wich.
1892.	PINDER, CHARLES RALPH	c/o Messrs. Dickeson and Stewart, 94 Queen Victoria St., E.C.
1892.	PIRIE, GEORGE	Royal Laboratory, Royal Arsenal, Woolwich.
1888.	PIRRIE, The Right Hon. Lord, K.P., P.C., LL.D. (Member of Council)	
1883.	PITT, WALTER (Member of Council)	[Bath.]
1887.	PLACE, JOHN	Messrs. Wheatley Kirk, Price & Co., 46 Watling St., E.C. [Indices, London. Bank 5077.]
1899.	PLATT, FRANCIS JAMES	Dudbridge Iron Works, Stroud, Glos.
1903.	PLATT, FRED	King's Hill Foundry, Wednesbury. [Platt, Wednesbury. 60.]
1903.	PLATT, ISAIAH	King's Hill Foundry, Wednesbury. [Platt, Wednesbury. 60.]
1869. 1888.	PLAYER, JOHN (Life Member) POGSON, JOSEPH	Clydach Foundry, near Swansea. Mayfield, Beechwood Rd., Halifax.
1894.	POLAND, WILLIAM	83 Vanbrugh Park, Blackheath, S.E.
1907.	POLLARD, GEORGE	General Motor Cab Co., 1 & 3 Brixton Rd., S.W.
1893.	POLLIT, EDWARD ERNEST	Bank Foundry, Sowerby Bridge.
1894.	POLLITT, HARRY	Fernlea, Altrincham.
1886.	Pollock, James	[3 Lloyds Avenue, E.C. [Specific, London. 920 Avenue.]
1904.	POLLOCK, WALTER	(3 Lloyds Avenue, E.C. Specific, London. 920 Avenue.)
1898.	POOLEY, HENRY	Cavresfield, Disley, Stockport.
1902. 1898. A.M.) 1901. M.)	POPE, WILLIAM WALLER PORRITT, LOUIS ALFRED	Hatfield, The Grove, Slough. Messrs. William Tatham & Co., Vulcan Works, Rochdale.
1890.	POTTER, WILLIAM HENRY	Temple Bldgs., Albert St., Notting- ham.
1864.	POTTS, BENJAMIN LANGFORD FOSTER	55 Chancery Lane, W.C.; and Clereholt, Holmbury St. Mary, Dorking.

and or 1	LIAUSICI.		
1878.		POWEL, HENRY COKE	72 Bromley Rd., Catford, S.E.
1891.		Powles, Henry Handley	90 Oakley St., Chelsea, S.W.
1898.		Powrie, William	Messrs. Furnival & Co., 32 St. Bride St., E.C. [Furnival, London.]
1867.		PRATCHITT, JOHN	Denton Iron Works, Carlisle.
1905. 1885.		PRATTEN, FREDERICK EDWARD PRATTEN, WILLIAM JOHN	Messrs. J. and E. Hall, Dartford. Messrs. Harland and Wolff, Belfast.
1890.		PREECE, Sir WILLIAM HENRY,	18 Queen Anne's Gate, Westminster,
2000,		(K.C.B., F.R.S	Eng. and Chief Surveyor, Urban
1902.		PRESCOTT, WALTER HENRY	District Council, Council Bldgs., Tottenham, N. [Prescott, Lower Tottenham.]
	A.M.)	,	Mirrlees Watson Co., Scotland St.,
1906. 1903.	M.5	PRICE, ALAN	Glasgow. Moulamein, New South Wales.
1877.		PRICE, HENRY SHERLEY	146 Watling St., E.C. [Indices,
1000			London. Bank 5077.] (Harbour Eng., Custom House St.,
1896.		Price, James	Cork.
1890. 1889.		PRICE, JOHN	Inspecting Eng., Workington. Dyserth Castle, Dyserth, Rhyl.
1050			Revelstoke, St. Gabriel's Road,
1859.		PRICE-WILLIAMS, RICHARD	Brondesbury, N.W. [Spandrel, London.]
1886.		PRICE - WILLIAMS, SEYMOUR	Messrs. James Mansergh & Son, 5 Victoria St., Westminster,
1889.	M. 5	WILLIAM	S.W.
1906.	-	Pringle, Percival John	Boro' Electrical Eng., Burton-on- Trent.
1896.	A.M.)	D	Port Dinorwic Dry Dock, Carnarvonshire; and Cae Gwyn,
1899.	M.)	PRITCHARD, HUGH	Port Dinorwie, R.S.O., Carnaryonshire.
	A.M.)	PRITCHARD, LEONARD HANMER	Marine Kasino, Pola, Austria.
1908.	M.)		Chief Eng., United Alkali Co.,
1909.		PRITCHARD, PHILIP MORRIS	Widnes.
1906.		PROCTER, JAMES	Wrockwardine Villa, near St. George's, Wellington, Salop.
1895.		PROCTOR, CHARLES FARADAY	44 Simonside Terrace, Heaton, Newcastle-on-Tyne.
			Loco. Supt., North London Rly.,
1894.		PRYCE, HENRY JAMES	Bow Road Works, E.; and 33 Moresby Road, Upper Clapton, N.E.
1895. 1898.	A.M. M.	Pugh, Charles Vernon	Radford House, Coventry.
1895. 1900.	A.M.)	Pullar, Albert Evans	Pullar's Dye Works, Perth.
1887. 1890.	G.) M.)	Pullen, Professor William Wade Fitzherbert	9 Malbrook Rd., Putney, S.W.
1898.		PULMAN, THOMAS CHARLES	Messrs. James Simpson & Co., 10
1884.		PUPLETT, SAMUEL	Clive St., Calcutta. 47 Victoria St., Westminster, S.W.
1887.			St. Stephen's Club, Westminster,
		(C.S.I	S.W.

Date	of	Ele	ction
and	of '	Tran	sfer.

1909. QUIGGIN, DANIEL ARTHUR	19 Castle Street, Liverpool. (P.O. Box 343, Pietermaritzburg,
1905. QUINCE, WILLIAM JOHN	Natal.
1900. QUIRK, WILLIAM MONTAGUE HARLEY	Broken Hill Chbrs., 31 Queen St., Melbourne, Victoria.
	{15 St. James' Row, Sheffield. [Radford, Sheffield.]
1899. A.M. RADLEY, BERTRAM VERNON	E. I. Rly., Jamalpur, Bengal.
1885. RAINFORTH, WILLIAM	{Britannia Iron Works, Lincoln. [Rainforths, Lincoln.]
1894. A.M.) RAMSBOTTOM, JOHN GOOD- 1895. M.) FELLOW	86 Commonwealth Avenue, Chest- nut Hill, Mass., U.S.
1908. {Rana, Colonel Keshore Narsingh	State Executive Engineer, Nepal Govt., Katmandu, Nepal, India.
1892. G.) RANSON HEPPERT BYRON	(St. Stephen's House, Victoria Em-
1909. M. RANSOM, PETER AUGUSTUS	bankment, Westminster, S.W. 56 Cannon Street, E.C.
1860. RANSOME, ALLEN	Stanley Works, Newark; and 1 James St., Lincoln.
1888. RAPLEY, FREDERICK HARVEY	11 Thurlow Rd., Hampstead, N.W.
1889. RATCLIFFE, JAMES THOMAS	Baumwoll Manufactur, I. K. Poz- nanski, Lodz, Russian Poland.
1904. RATEAU, Professeur AUGUSTE	Ecole Supérieure des Mines, 7 Rue Bayard, Paris.
1893. RAVEN, VINCENT LITCHFIELD	Loco. Dept., N. E. Rly., Gateshead.
1906. RAWORTH, BENJAMIN ALFRED	35 and 36 Bedford St., Strand, W.C.
1895. G. 1896. A.M. RAYNER, HARRY STAFFORD	Sir W. G. Armstrong, Whitworth & Co., Ashton Rd., Openshaw,
1908. M.) 1904. READ, HENRY GEORGE	(Manchester. Omsk, Western Siberia.
1883. Reader, Reuben	Phænix Works, Cremorne St., Not-
,	tingham. Messrs. John Readhead & Sons, West Dooks South Shields Food
1887. READHEAD, ROBERT	West Docks, South Shields [Read- head, South Shields. G.P.O. 14. Nat. 2024.]; and South Garth, South Shields.
1907. REAVELL, WILLIAM	Messrs. Reavell & Co., Ranelagh Works, Ipswich.
	Messrs. Kitson & Co., Airedale
1901. REDMAN, JOSEPH	Foundry, Leeds. Pioneer Iron Works, Halifax.
1908. REDMAN, JOSEPH FELL	38 Leadenhall St., E.C.
1881. REDPATH, FRANCIS ROBERT	(Canada Sugar Refinery, Montreal, Canada. [Redpath, Montreal.]
1894. REED, JOSEPH WILLIAM	Manager, Engine Works Dept., Palmer's Shipbuilding & Iron Works, Jarrow.
1891. REED, THOMAS ALFRED	Bute Docks, Cardiff. [Steam, Cardiff. 171.]
1906. Rees, William John	Managing Director, Glanmor Foundry and Engineering Works, Llanelly.

1906.	REESE, ARNOLD KARTHAUS	Dowlais-Cardiff Works, East Moors, Cardiff.
1901.	REEVES, ARTHUR ROBERT	46 Queen Victoria St., E.C.
1902.	Reeves, Wilfred	39 Chichester St., Belfast. [Cen-
1897.	REID, ANDREW THOMSON (Life Member)	North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [Loco, Glasgow. Royal 822.]
1891.	Reid, Hugh (Life Member)	North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [Loco, Glasgow. Royal 822.]
1897.	Reid, John (Life Member)	North British Locomotive Co., Hyde Park Loco. Works, Glasgow. [Loco, Glasgow. Royal 822.]
1889.	RENDELL, ALAN WOOD	Westinghouse Brake Co., 82 York Rd., King's Cross, N.; and 101 Canfield Gardens, S. Hampstead, N.W.
1902.	Renold, Hans	Progress Works, 3 Brook St., Manchester. [Driving, Manchester. 3219.]
1876.	RESTLER, JAMES WILLIAM	17 Queen's Gate, South Kensington, S.W.
1883.	{Reunert, Theodore (Life Member)	Box 92, Johannesburg, Transvaal: (or c/o Messrs. Findlay, Durham & Brodie, 110 Cannon St., E.C.)
1879.	REYNOLDS, GEORGE BERNARD	Constitutional Club, Northumber- land Avenue, W.C.
1904.	REYNOLDS, JAMES	The New Engineering and Ship- building Works, Shanghai, China.
1906.	REYNOLDS, JAMES ARTHUR	Suptg. Eng., East Anglian Ice Co., Lowestoft.
1898.	REYNOLDS, WILLIAM FLECK	Messrs. Travers & Co., Britannia Works, Springfield Rd., Belfast.
1890.	RICE, THOMAS SYDNEY	Aldermary House, 60 Watling St., E.C. [Ricto, London.]
1866.	{RICHARDS, EDWARD WIND- sor (Past-President)	Plâs Llecha, Tredunnock, Caerleon, Mon. [Windsor Richards, Llan- gibby.]
1897.	RICHARDS, HENRY WILLIAM HALL	Phœnix Iron Works, Leicester. [Richards, Leicester. 89.]
1905.	RICHARDSON, CHARLES ERNEST	Messrs. Richardson & Blair, 11 Grey St., Wellington, N.Z.
1907.	RICHARDSON, HARRY	Engin-Chief, Dundee Electrical and Tramways Depts., Dudhope Crescent Rd., Dundee.
1892.	RICHARDSON, HARRY ALFRED	Messrs. Hick Hargreaves & Co., Soho Iron Works, Crook St., Bolton.
1873.	RICHARDSON, JOHN	Lincoln.
1899. A.N 1902. N	A. RICHARDSON, JOHN ROBERT	§99 Ladbroke Rd., Notting Hill, W.
1891.	RICHARDSON, JOHN SCOTT	Craigard, Lenzie, Glasgow.
1909.	RICHARDSON, ROBERT DOUGLAS	Supt. Eng., Messrs. T. and J. Harrison, Mersey Chambers, Liverpool.

Date	of	E	n	ec	ti	io	n
and	of	T	ra	n	81	fe	r.

1895. G. 1900. A.M. 1906. M. RICHES, CARLTON TOM HURRY	Loco., Carr. and Wagon Supt., Rhymney Rly., Caerphilly, Car- diff; and Hartley, St. Martin's Rd., Caerphilly, Cardiff. (Loco. Supt., Taff Vale Rly., Car-
1874. {RICHES, Tom HURRY (Past-President)	diff; and Springfield, Pen-y-lan Rd., Cardiff.
1906. RICHMOND, JOHN RITCHIE	Messrs. G. & J. Weir, Holm Foundry, Catheart, Glasgow.
1894. G. 1897. A.M. 1899. M. RICHMOND, WILLIAM FRED-	Juliassie, Epsoni Downs.
1899. RIDE, SAMUEL	[85 Royal Exchange, Manchester. [Elevator, Manchester.]
1899. Rider, John Hall	L.C.C. Tramways, 62 Finsbury Pavement, E.C.
1895. A.M. RIDLEY, CLARENCE OLIVER	Sir W. G. Armstrong, Whitworth & Co., 8 Great George St., Westminster, S.W.
1879. RIDLEY, JAMES CARTMELL	Swalwell Steel Works, Newcastle- on-Tyne.
1910. RIEGEN, JOHANNES VON	Chief Supt. Eng., Norddeutscher Lloyd, Hong Kong, China.
1894. RILEY, JOSEPH HACKING	Elton Iron Works, Bury, Lanca- shire.
1907. Ringquist, Justus Magnus	Messrs. Head, Wrightson & Co., Teesdale Iron Works, Thornaby- on-Tees.
1885. G. RIPLEY, PHILIP EDWARD	Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1884. A. RIPPER, Professor WILLIAM, 1886. M.) D.Eng	
1902. RISELEY, HARRY LORIMER	Electric Supply Co., Royal Exchange Bldgs., Hood St., Newcastle-on-Tyne.
1879. RIXOM, ALFRED JOHN	108 Park Rd., Loughborough.
1903. ROBB, ALEXANDER	Holyrood House, Plane St., Anlaby Rd., Hull.
1893. A.M. ROBERTS, CHARLES THOMAS	(Genl. Manager, Messrs. R. Hornsby
1899. ROBERTS, DAVID	& Sons, Spittlegate Iron Works, Grantham. [Hornsbys, Gran- tham.]
1903. ROBERTS, DAVID EVAN	[59 Queen St., Cardiff. [Formula, Cardiff. 365.]
1908. ROBERTS, EDMUND	Supt., Public Works & Surveys, Labuan and Brunei, Straits Settlements.
1908. ROBERTS, EDWARD	Roberts' Bldgs., Stuart St., Dunedin, New Zealand.
1906. ROBERTS, GERVASE HENRY	Royal Ordnance Factories, Wool-wich.
1903. ROBERTS, HARRY	Messrs. Roberts Brothers, Dukin- field, Manchester.
1891. Roberts, Hugh Jorwerth	42 Castle St., Liverpool. [Ingenious, Liverpool.]

1887. ROBERTS, THOMAS	rks, W. ter,
1902. ROBERTSON, DAVID	rks, W. ter,
1892. ROBERTSON, LESLIE STEPHEN [28 Victoria St., Westminster, S. [Eyebolts, London.] [28 Victoria St., Westminster, S. [Eyebolts, London.] [29 Victoria St., Westminster, S. [Eyebolts, London.] [30 Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S. [Eyebolts, London.] [48 Pembridge Villas, Bayswa W. [Victoria St., Westminster, S	ter,
1905. { ROBIN, FREDERICK ALEXANDER { GARIBALDI	igh
1899. ROBINS, GEORGE MEAD	
1899. ROBINS, GEORGE MEAD Gas and Water Eng., Sutt Surrey. [ROBINSON, ABTHUR SAMUEL The White House, Barsha	on
1909 (Robinson, Arthur Samuel The White House, Barsha	011,
1894. ROBINSON, CHARLES JOHN Railway Works, Rochdale. [Rob	in-
1900. ROBINSON, EDWARD MARK Post Office, Calgary, Alberta, Cana 1890. ROBINSON, FREDERICK ARTHUR Camden Holt, Chislehurst.	da.
1874. ROBINSON Professor HENRY Parliament Mansions, Victoria	5t.,
1895. Robinson, James Ravenscraig, Seaforth, Liverpoo	1.
1898. ROBINSON JAMES ARMSTRONG Stafford Road Works, G.W. R	
1878. ROBINSON, JOHN FREDERICK Wolverhampton. North British Locomotive Co., Victoria St., Westminster, S.	17 V.
Chief Loco, Eng., G.C. Rly., G	or-
dale, Fairfield, Manchester.	011-
1901. Robinson, John James P.O. Box 377, Durban, Natal. (Robinson, Joseph Drink- (Gold Coast Rly., Sekondi, W	out
WATER, R.N.R Africa.	
1901. A.M.) Panyagay Lugyup Lugyup (Boro' Electrical Eng., Hacky	
1907. M. ROBINSON, LEONARD LESLIE. Electricity Works, Millfields F. Clapton, N.E.	α.,
1894. {ROBINSON, MARK HEATON St., Westminster, S.W. [Cycle style, London. 2610 Victoria.	clo-
1895. Robinson, Professor William University College, Nottingham	
ROBINSON - EMBURY, Captain Messrs. Cammell Laird & Co., O RICHARD PERCY, late R.E nance Works, Coventry.	
1899. Robson, William Henry {Castleder, Yardley Rd., Acod	ks
1907. A.M. RODGER, JAMES ALLISON Supt. Eng., Steam Ship Dej	
1872. ROFE, HENRY \{\begin{array}{lll} 8 & \text{Victoria} & \text{St.,} & \text{Westminst} \\ \text{S.W.} \end{array}	er,
1906. ROGERS, GEORGE KENYON Signal Eng., E. Bengal State RI Calcutta.	
1885. ROGERS, HENRY JOHN Watford Engineering Works, W ford. [Mechanical, Watford. 3]	
1903. ROGERS, HERBERT MALCOLM 81 Gracechurch St., E.C.	_
1908. ROGERSON, ALBERT CHORLEY Works Manager, Messrs. Bey Peacock & Co., Gorton Found Manchester.	
1902. ROGERSON, THOMAS BOND Genl. Manager, Messrs. Jam Dunlop & Co., Clyde Iron Worl Tolcross, Glasgow. [3659.]	

Date	of	Election
and o	of ?	Transfer.

1906.	ROLFE, HARRY	(International Buildings, Kingsway, W.C.
1898.	ROLFE, JOHN HERBERT HIERON	12 Mission Row, Calcutta, India.
1892.	RONALD, HENRY	Chief Supt., Messrs. Eley Brothers,
		Angel Rd., Edmonton, N. (255 Rue St. Honoré, Paris (1er.),
1906.	Ronceray, Eugène	France.
1908.	ROOKE, WILLIAM MASON	74 International Bldg., Yokohama; and 7c Bluff, Yokohama, Japan. Via Siberia.
1898. A.M.) 1899. M.)	ROOTS, JAMES D	Thanet House, Temple Bar, W.C.
1889.	ROSENTHAL, JAMES HERMANN	Babcock and Wilcox Co., Oriel House, Farringdon St., E.C.
1905.	Ross, James Russell	Manager, Parkhead Forge and Steel Works, Glasgow.
1902.	Ross, John	Supt. Eng., Leeds and Liverpool Canal Co., Wigan.
1881.	Ross, William	North Wall Iron Works, Dublin. [Iron, Dublin. 311.]
1896. A.M.\	ROTHERY, WILLIAM BROCK-	Inspecting Eng., Hazelmere,
1898. M.	BANK	Southport.
1898. A.M.) 1902. M.)	ROTHWELL-JACKSON, HARRY LOXTON	Wharf Foundry, Bolton. [Jack-son, Bolton. 84.]
		(Messrs. Galloways, 17 Philpot
1904.	ROUGHT, CHARLES	Lane, E.C. [Rought, London. 2866 Avenue.]
	/Downstrates Hawner Moone	Mech. Eng. to the L.C.C., County
1893.	ROUNTHWAITE, HENRY MORRISON	Hall, Spring Gardens, S.W.; and 12 Holmbush Rd., Putney Hill, S.W.
1878.	ROUTH, WILLIAM POLE	Oakfield, Southern Hill, Reading.
1898.	Row, Oliver Matthews	Dalham Engineering Works, Irlam, Manchester.
1907.	ROWLEY, STAMFORD HARRY	Messrs. Barlow & Chidlaw, Ltd., Croft St., Pendleton, Manchester. [Works, Manchester. 3685.]
1903.	Roy, William	Messrs. Spencer & Co., Melk-sham.
1898.	ROYCE, FREDERICK HENRY	Messrs. Rolls-Royce, Ltd., Nightingale Rd., Osmaston, Derby.
1897. A.M.)	ROYLANCE, ARTHUR HERBERT	Haworth's Bldgs., 5 Cross St., Man-
1900. M.)	(RUNDALL, Captain CHARLES	chester. Military Supt., Brennan Torpedo
1905.	FRANK, R.E	Factory, Chatham.
1906.	RUSSELL, FRANCIS WILLIAM	Messrs. Juan Bannister Sucesores, Mexico City D.F., Mexico.
		(Engin-Chief, N. Metrop. Electric
1902.	RUTHVEN - MURRAY, ETHEL-	Power Supply Co., Spencer House, 4 South Place, Finsbury, E.C.
		Eng., Western District, Metro-
1902.	RUTTER, HENRY FILLMER	politan Water Board, 41 and 48 Commercial Road, Pimlico, S.W.
1885.	RYAN, JOHN, D.Sc	Grove House, Milltown, Co. Dublin.
1901. A.M.) 1904. M.)		Turner Bridge Iron Works, Tonge, Bolton.

1908.	(SAINSBURY, HENRY CECIL	Messrs. Stothert and Pitt, Newark
1900.	BAYLEY	Foundry, Bath.
		Eng. and Manager, Corpn. Water Works, Tangier Islands, Eton,
1902.	SAINTY, CHRISTOPHER	Windsor. [Sainty, Eton. Wind-
		sor 0148.]
1903.	Sampson, Edward Dudley	Dist. Loco. Supt., Southern Mahratta Rly., Hubli, India.
1874.	Sampson, James Lyons	Forest Lodge, 23 Ravenscourt
1014.	SAMPSON, VAMES LITORS	Park, W. [616 Hammersmith.]
1901.	Sams, Joseph Henry	Chatwood's Safe and Lock Co., 56 Gracechurch St., E.C. [Chat-
10011	Diame, Court I I I I I I I I I I I I I I I I I I I	woods, London.
1881.	Samuelson, Ernest	Britannia Iron Works, Banbury.
1890.	SANDBERG, CHRISTER PETER	Palace Chambers, Bridge St., Westminster, S.W.
1899.	SANDEMAN, EDWARD	Eng., Derwent Valley Water
1000.	Dandinan, Librate	Board, Bamford, Sheffield.
1881.	SANDERS, HENRY CONRAD	Victoria Works, Gordon Rd., Southall; and 33 Castle Bar
	,	Road, Ealing, W.
1871.	SANDERS, RICHARD DAVID	Hartfield, Mycenæ Rd., Blackheath, S.E.
4000	C	Messrs. E. A. and H. Sandford,
1886.	Sandford, Horatio	Thames Iron Works, Gravesend.
1881.	Sandiford, Charles, C.B	Loco. Supt., Uganda Rly., Mombasa.
1891.	Sands, Harold	Bernersmede, Carlisle Road, East-
1031.	DANDS, ITAROLD	bourne.
	SANGSTER, CHARLES THOMAS	Works Manager, Cycle Components Mfg. Co., Bournbrook, Birming-
1906. M.)		ham.
1004	SANKEY, Captain MATTHEW	Palace Chbrs., 9 Bridge St., West-
1894.	HENRY PHINEAS RIALL, R.E.,	minster, S.W. [Fusible, London.
	ret. (Member of Council)	
1890	ret. (Member of Council)	Gerrard 3195.] Lower St., Stroud, Glos. [Sar-
1899.	ret. (Member of Council) SARGEANT, EDWARD FRANK	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.]
1899. 1900.		Gerrard 3195.] [Sar-
1900.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] [14 Rue Eugène Flachat (17° arr¹), Paris. [Union Works, 60 Park St., South-
	SARGEANT, EDWARD FRANK	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] [14 Rue Eugène Flachat (17° arr¹), Paris. [Union Works, 60 Park St., Southwark, S.E. [Sovez, London.]
1900.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] [14 Rue Eugène Flachat (17° arrt), Paris. [Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.]
1900. 1874.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] [14 Rue Eugène Flachat (17° arrt), Paris. [Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] [Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen,
1900.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD	Gerrard 3195.] [Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] [14 Rue Eugène Flachat (17° arrt), Paris. [Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] [Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and
1900. 1874.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arrt), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex.
1900. 1874. 1880.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arrt), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and
1900. 1874.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arrt), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester.
1900. 1874. 1880.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arrt), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and
1900. 1874. 1880.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arr¹), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester.
1900. 1874. 1880.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arr¹), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1900. 1874. 1880.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arr'), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1900. 1874. 1880. 1893.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN SAXON, ALFRED SAXON, GEORGE SAXON, JAMES	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arr'), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]
1900. 1874. 1880. 1893.	SARGEANT, EDWARD FRANK SAUVAGE, Professeur EDOUARD SAUVÉE, ALBERT SAXBY, JOHN SAXON, ALFRED SAXON, GEORGE	Gerrard 3195.] Lower St., Stroud, Glos. [Sargeant, Stroud. 14.] 14 Rue Eugène Flachat (17° arr'), Paris. Union Works, 60 Park St., Southwark, S.E. [Sovez, London. Hop 213.] Rly. Signal Works, Canterbury Rd., Kilburn, N.W. [Signalmen, London. Kilburn 421.]; and North Court, Hassocks, R.S.O., Sussex. Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.] Openshaw Engineering Works and Examiner Bldgs., Manchester. [959 and 3904.]

Date of and of T	
1905.	A.M.

and of Italister.		
1905. A.M.)		(Messrs, Siemens Brothers' Dynamo
1909. M.	SCHILLER, FREDERICK WILLIAM	Works Ltd., Stafford.
1890.	SCHOFIELD, GEORGE ANDREW	Oakwood, Mildenhall, S.O., Suffolk.
		(Direccion General de Obras de
1886.	Scholes, William Henry	Salubridad, 1840 Calle Charcas, Buenos Aires, Arg. Rep.
1899. G.)		(Western Mail Chbrs., Cardiff.
1902. A.M. 1908. M.	SCHONTHEIL, THEODORE	[Thor, Cardiff. 606 P.O.]
,	Comme Annual House	Messrs. Fry Miers & Co., 112
1886.	SCHURR, ALBERT EBENEZER	Cannon St., E.C.
1882. G.) 1888. M.)	SCOTT, CHARLES HERBERT	Queen Street Chambers, Gloucester. [Engineer, Gloucester. 794.]
/	~ -	Consett Iron Works, Consett,
1886.	SCOTT, JAMES	R.S.O., Co. Durham.
4004	(SCOTT, Professor ROBERT	N.Z. University, Canterbury Col-
1891.	JULIAN	lege, Christchurch, N.Z.
1861.	SCOTT, WALTER HENRY	Park Rd., East Molesey, Surrey.
1906. A.M.)		(Caledonian Chbrs., 102 St. Mary
1909. M.	SCOTT, WILLIAM ANGUS	St., Cardiff.
1882.	SEABROOK, ALFRED WILLIAM	40 Mayfair Avenue, Ilford.
1900. A.M.)		(Marylebone Electric Supply, 19 &
1907. M.	SEABROOK, ARTHUR HUGH	20 York Place, W.
1892.	SEAMAN, CHARLES JOSEPH	Mount Elbury, Worcester.
		(32 Victoria St., Westminster,
1882.	SEATON, ALBERT EDWARD	S.W. [Seaguake, London. 207
		Victoria.]
1000 4 35 1	Common Francisco Canamar	(267 Dashwood House, New Broad
	SEGUNDO, EDWARD CARSTEN-	St., E.C. [Awesome, London.
1903. M.	SEN DE	2686 Central.]
		(Messrs. Ehrhardt and Sehmer,
1908.	SEHMER, EDUARD GEORG	Schleifmühle-Saarbrücken 1, Ger-
		many.
1891.	SELBY, MILLIN	12 Rue du Lac, Bruxelles, Bel-
1001.	Chilips, manner	gium.
1882.	SELFE, NORMAN	1279 George Street, Sydney,
2002.	Daniel and an arms and a second a second and	N.S.W.
1896.	SENNETT, ALFRED RICHARD	[Duffield, Derby. [Sennett, Little Eaton, Derby. 17 Duffield.]
1903.	SEVERN, WILLIAM HENRY	93 Rue Defacqz, Brussels, Belgium.
		(Managing Director, Metrop. Amal-
1884.	(SHACKLEFORD, WILLIAM COP-	gamated Rly. Carriage and
1004.	LEY	Wagon Co., Saltley, Birming-
		ham.
1903.	SHANKS, ARTHUR THORNTON	3 St. Michael's Villas, Headingley,
1300.	SHANAS, ABIHUR THURNION	Leeds.
		Messrs. Thomas Shanks & Co.,
1884.	SHANES, WILLIAM	Johnstone, near Glasgow.
		[Shanks, Johnstone.]
		(113 Cannon St., E.C.; and 10
1902.	SHARMAN, PHILIP ALAN	
100=		[tonian, London.]
1897.	SHARP, JOHN	115 Shaftesbury Avenue, W.C.
1908.	SHARP, JOHN	28 Burnbank Gardens, Glasgow.
1895.	SHARP, JOHN HUTCHINSON	Atlas Works, Glasgow.
1905.	SHARP, RICHARD	Banklands, Workington.
1905.	SHARP, ROBERT GORDON	Works Manager, Leeds Forge,
		(Leeds.

1898.	Sharp, Sidney	13 Victoria Street, Westminster, S.W.
1907.	SHARPE, THOMAS WALTER	Messrs. Olive & Partington, Turn Lee Mills, Glossop.
1907.	SHARPLES, EDWARD	Furness Rly., Barrow-in-Furness.
1893. G.)		(Messrs. Ruston, Proctor & Co.,
1897. A.M.	SHARPLEY, GEORGE RUSTON	Sheaf Iron Works, Lincoln.
1900. M.)		(Messrs. John Shaw & Sons, Well-
1881.	SHAW, JOSHUA	ington St. Works, Salford, Man- chester.
1000	C	Genl. Manager, Mersey Railway,
1909.	SHAW, JOSHUA	Central Station, Birkenhead.
1900.	SHAW, PERCY CHARLES WILLIAM	Municipal Tramways Trust, Adelaide, South Australia.
1899. A.M.)	SHAWCROSS, GEORGE NUTTALL	Lancs. & Yorks. Rly., Horwich,
1902. M.		Resident Electrical Eng., Corpn.
1902.	SHAWFIELD, CHARLES EDWIN CAMPBELL	Electricity Works, Wolverhampton.
1000	G	38 Victoria Street, Westminster,
1902.	SHEFFIELD, GEORGE HARRISON	S.W.
1890.	SHELDON, HARRY CECIL	63 Long Row, Nottingham. [01844.]
1906.	SHELDON, JOSEPH	Stocksbridge, Sheffield. (Resident Eng., São Paulo Rly., São
1900.	SHELDON, WILLIAM JOHN	Paulo, Brazil.
1899.	SHEPHERD, RICHARD LILLING-	Phillips River Gold and Copper Co., Ravensthorpe, Western
1000.	(TON	Australia.
		Messrs. Fawcett Preston & Co.,
1876.	SHIELD, HENRY	Phonix Foundry, 17 York St.,
		Liverpool. (26 Minamicho Nichome, Aoya-
1888.	SHIN, TSUNETA	ma, Akasaka-ku, Tokyo,
		Japan.
1889.	SHONE, ISAAC	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
1890.	SHOOSMITH, HARRY	Wynford, Abbey Wood, Kent.
1903.	SHORT, ALFRED	(Victoria Engineering Works, Shep-
2000.	, , , , , , , , , , , , , , , , , , , ,	stone St., Durban, Natal.
1893.	SHROFF, ADURJEE BURJORJEE	Chief Eng., Sassoon Spinning Mills, Bombay.
1885.	SHUTTLEWORTH, Colonel	Stamp End Works, Lincoln; and Old Warden Park, Biggleswade.
1000.	\ FRANK	[Claytons, Lincoln.]
1907.	SIBBALD, THOMAS KNIGHT	Supt. Eng., Boulac Engine Works, Cairo, Egypt.
1899.	SIBBERING, GEORGE THOMAS	Eng., Taff Vale Rly., Cardiff.
1891.	SIEMENS, ALEXANDER (Life Member)	{Caxton House, Westminster, S.W. [860 Gerrard.]
1905. A.M.)	,	(Boro' Electrical Eng., Stanwell St.,
1908. M.	SILLAR, ALFRED RICHMOND	Colchester.
1898.	SILLAR, ARTHUR MOLYNEUX	Iddesleigh Mansions, Caxton St., Westminster, S.W.
1897. A.M.)	SIME, WILLIAM	15 Vaughan Rd., Stratford, E.
1900. M.		(Westminster Works, Earl St., West-
1899.	SIMMANCE, JOHN FREDERICK	minster, S.W.

		Simms Manufacturing Co., Welbeck
1906.	SIMMS, FREDERICK RICHARD	Works, Kimberley Rd., Willes- den Lane, Kilburn, N.W.
1877.	(SIMONDS, WILLIAM TURNER) (Life Member)	99 Albemarle Rd., Beckenham.
1902. A.M.) 1906. M.)	SIMPKIN, FRANK HENRY	159 Firth Park Rd., Sheffield.
1876.	SIMPSON, ARTHUR TELFORD	Eng., Chelsea Water Works, 38 Parliament St., S.W.
1883. G.) 1892. M.)	SIMPSON, CHARLES LIDDELL	101 Grosvenor Rd., Pimlico, S.W.; and 13 Montagu Place, Montagu Sq., W.
1902.	SIMPSON, WILLIAM	Harbour Engineer, Sunderland.
1903.	SINCLAIR, HERBERT	Loco. Dept., G. N. Rly., Peter- borough.
1891.	SINCLAIR, RUSSELL	82 Pitt St., Sydney, N.S.W.
1899. A.M.) 1905. M.)	SIRRI, Major M	c/o Vice-Admiral Ahmed Pasha, Imperial Naval Arsenal, Con- stantinople.
1881.	Sisson, William	Messrs. W. Sisson & Co., Ltd., Gloucester. [Sisson, Gloucester.]
1906.	SKELTON, Eng. Commander REGINALD WILLIAM, R.N	H.M. Submarine Depôt, Fort Blockhouse, Gosport.
1904.	SKINNER, ARTHUR	Hadfield's Steel Foundry Co., East Hecla Works, Tinsley, Sheffield.
1902.	SLATER, JAMES GEORGE	Messrs. John Russell & Co., Alma Tube Works, Walsall.
1892.	SLIGHT, GEORGE HENRY	Inspector General of Lighthouses, Casilla 812, Valparaiso, Chile.
1891.	SLOAN, ROBERT ALEXANDER	[34 Castle St., Liverpool. [Technical, Liverpool. 6080.]
1908.	SMALES, THOMAS	Devonshire House, Barrow Hill, Chesterfield.
1886.	SMALL, JAMES MILN	17 Victoria St., Westminster, S.W.
1897.	SMALLMAN, HERBERT SPENCER	Globe Tube Works, Wednesbury. [Tubes, Wednesbury. 6504.]
1900.	SMART, ALEXANDER	Erith, S.O., Kent.
1898.	SMART, LESLIE SANDERSON	Farlancraig, Millport, S.O., Bute- shire.
1903. A.M.	SMART, LEWIS ANDERSON	31 Budge Row, E.C. [Uncanny,
1909. M.)		Messrs. Blake, Barclay & Co.,
1901.	SMART, ROBERT HOWIE	Victoria Works, Greenock. [Filter, Greenock. 130.]
1899.	SMEDDLE, JOHN HENRY	Divl. Loco. Supt., N. E. Rly., York.
1889.	SMELT, JOHN DANN	Greylands, Castle Bar Park, Ealing,
1899.	SMETHURST, WILLIAM	W. [Smelt, London.] 97 Bridge St., Manchester.
1901.	SMITH, DANIEL	Castle Iron Works, Raglan St., Wolverhampton. [Presses, Wolverhampton. 210.]
1909.	SMITH, FREDERICK HENRY	Fenwick Chambers, Liverpool.
1881.	SMITH, HENRY	Messrs. Simpson & Co., 101 Grosvenor Rd., Pimlico, S.W.
1905. A.M.) 1909. M.)	SWITH HENDY LOCKBIT TUTTERS	Calcutta Corpn., 11 Belvedere Rd., Alipore, Calcutta.

		(D-vt-v1 D-vv W-v1-v N-44' 1
1898.	SMITH, ISAAC	Basford Brass Works, Nottingham; and Hickling Lodge, near Keyworth, Notts. [Smiths, Nottingham. 1537.]
1893.	Sмітн, Јони	[Salford Works, Richard St., Birmingham. [Profiler, Birmingham. 2540.]
1898.	Sмітн, Jони	Burton Brewery Co., Burton-on- Trent.
1906.	Sмітн, Jони	Ormondville, Dundyvan Rd., Coat- bridge.
1908.	SMITH, JOHN FAIRFULL	Pilaya Gold Syndicate, Camargo, Bolivia. Vià Buenos Aires and Tupiga.
1891.	SMITH, JOHN RENEY	Messrs. H. and C. Grayson, 179 Regent Rd., Liverpool.
1898.	SMITH, JOHN WILLIAM	Loco. Dept., G. C. Rly., Gorton, Manchester.
1870. G.) 1876. M.)	SMITH, MICHAEL HOLROYD	26 Cambridge St., Pimlico, S.W.
1905. A.M.) 1909. M.)	SMITH, PERCY HARRY FROST	Messrs. Thomas Tilling, Winchester House, Peckham, S.E.
1886.	SMITH, REGINALD ARTHUR	Ordsal Station Electrical Works, Salford, Manchester.
1881.	SMITH, Professor ROBERT HENRY	Trent, 3 Thirlmere Rd., Streatham, S.W.
1897.	SMITH, ROBERT WALKER	Works Manager, New Enfield Cycle Co., Hunt End Works, Redditch; and Stoneleigh, Redditch.
1896.	SMITH, ROGER THOMAS	Electrical Eng., G. W. Rly., 66 Porchester Rd., Paddington, W.
1897. A.M.) 1902. M.)		P. O. Box 1905, Johannesburg, Transyaal.
1903.	SMITH, Colonel STANLEY GEORGE DREW, R.A., ret	(33 Sussex Square, Kemp. Town, Brighton. (Dudbridge Iron Works, Stroud,
1898.	SMITH, TOM GRAVES	Glos. [Humpidge, Cainscross. 7.]; and The Tynings, Stonehouse, Glos.
1904.	SMITH, WALTER HENRY	4 Arnold St., Observatory, Cape Town, Cape Colony.
1881.	SMITH, WASTENEYS	[59 Sandhill, Newcastle-on-Tyne. [Wasteneys, Newcastle-on-Tyne. G.P.O. 429; Nat. 2018.]
1890.	SMITH, WILLIAM	Manager, Messrs. Pilkington Bros., British Plate Glass Works, Ravenhead, St. Helens, Lancs.
1900.	SMITH, WILLIAM HILL	Messrs. James Stansfield & Son, 9 Leeds Rd., Bradford.
1887.	SMITH, WILLIAM MARK	Lugano, Latchmere Rd., Kingston- on-Thames.
1904. A.M.) 1906. M.)	SMYTH, GERALD MILLNER	Mech. Eng. Dept., Messrs. H. Eckstein & Co., P.O. Box 149, Johannesburg, Transvaal.
1891. G.) 1895. A.M.) 1898. M.)	Snell, John Francis Clever-	

1885.	Snowdon, John Armstrong	York Villa, South Cliff, Scarborough.
1897.	SNOXELL, GEORGE EDGAR	3 Green Bank, Trimmingham, Halifax.
1895.	SOMERS, WALTER	Haywood Forge, Halesowen, Bir- mingham.
1887.	Sorabji, Shapurji	16 Apollo St., Fort, Bombay.
1889.	SOUTER-ROBERTSON, DAVID	Supt., Govt. Canal Foundry and Workshops, Roorkee, U.P., India.
1900.	Sparkes, Samuel Hurford	Genl. Manager, Messrs. Fox Brothers & Co., Wellington, Somerset.
1893.	SPENCE, ARTHUR WILLIAM	Manager, Cork St. Foundry and Engineering Works, Dublin.
1898.	SPENCE, WILFRID L	[14 St. Vincent Place, Glasgow. [Electrify, Glasgow. 1500 Royal.]
1887.	SPENCER, ALEXANDER	77 Cannon St., E.C. [George Spencer, London.]
1878.	SPENCER, ALFRED G	77 Cannon St., E.C. [George Spencer, London.]
1892.	SPENCER, HENRY BATH	Zeitoun, Egypt (or Turf Club, Cairo, Egypt). Globe Tube Works, Wednesbury;
1877.	Spencer, John	and 14 Great St. Thomas Apostle, E.C. [Tubes, Wednesbury. Tubes, London. 6504.]
1905.	SPENCEB, JOHN AUBREY BERK-	Ontario Iron and Steel Works, Welland, Ont., Canada. Messrs. Luke & Spencer, Broad-
1885.	SPENCER, MOUNTFORD	heath, Manchester; and The Hill, Teignmouth.
1897.	SPENCER, THOMAS HARRIS	Globe Tube Works, Wednesbury. [Tubes, Wednesbury. 6504.]
1891.	SPENCER, WILLIAM	Chamber Iron Works, Hollinwood, near Manchester. 1296 Willesden Lane, Cricklewood,
1885.	SPOONER, GEORGE PERCIVAL	N.W.
1883. G.) 1886. M.)		Polytechnic School of Engineering, 309 Regent St., W.
1896.	SPRING, FRANCIS JOSEPH EDWARD, C.I.E	Chairman, Harbour Trust Board, Madras, India.
1901.	SPROTT, ROBERT EDMUND	Bridgewater Collieries and Elles- mere Estates, Walkden, Man-
1908.	SPURLING, OLIVER CROMWELL	Chester. Western Electric Co., Hawthorne, Ill., U.S.
1904.	SPURRIER, HENRY	Managing Director, Lancashire Steam Motor Co., Leyland, Preston. [Motor, Leyland, 7.]
1897.	STAGG, WILLIAM	Avon St. Gas Works, Bristol.
1899.	STAMER, ARTHUR COWIE	Loco. Dept., N.E. Rly., Gates-
1905.	STANFIELD, Professor RICHARD	Heriot-Watt College, Edinburgh.
1901. A.M.)		Divi. Loco. & Carr. Supt., G.W.
1908. M.	The state of the s	Riy., Swindon.
1888,	STANLEY, HARRY FRANK	Messrs. H. Pontifex & Sons, Farringdon Works, Shoe Lane, E.C.; and 1 Albert Mansions, Crouch Hill, N.

Date	of	Election
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and of Transfer.		
1901.	STEAD, WILLIAM	Yew Tree Lodge, Eccles. (Works Manager, Messrs. R. Y.
1897.	STEELE, JAMES	Pickering & Co., Wishaw, Glas-
1901.	Steele, Robert	gow. 6 Gracechurch St., E.C. [Forenoon, London. Avenue 972.]
1901.	STEELE, WILLIAM RUSSELL	Messrs. Burn & Co., Howrah Iron Works, Howrah, Bengal.
1901.	STENNING, HENRY ALEXANDER	Ivanhoe, Teddington Park Rd., Teddington.
1899. A.M. 1904. M.	STEPHENS, CHARLES ROBERT	Manager, Messrs. Stephens & Son, Ashfield, Falmouth. [Stephens, Falmouth. 10.]
1879. G.) 1879. M.)	STEPHENSON, JOSEPH GURDON LEYCESTER	33A The Broadway, Hammersmith, W. [Stephenson, Broadway, Hammersmith. Western 140.]
1888.	STEPHENSON-PEACH, WILLIAM JOHN	Kirkleatham, Great Malvern.
1876.	STERNE, LOUIS	Crown Iron Works, Glasgow [Crown, Glasgow.]; and Donington House, Norfolk St., W.C. [Elsterne, London. Gerrard 1989.]
1898.	STEVENS, ARTHUR JAMES	Managing Director, Uskside Iron Works, Newport, Mon. [Uskside, Newport, Mon. P.O. 29; Nat. 53.] (Former Member 1875–1886.)
1891.	STEVENS, JAMES	9 and 11 Fenchurch Avenue, E.C.
1902.	STEVENSON, CHARLES WILLIAM	Loco. Supt., Companhia Mogyana, Campinas, Brazil.
1887.	STEVENSON, DAVID ALAN, F.R.S.E	84 George St., Edinburgh.
1902.	STEVENSON, GRAHAM MORTON	6 High St., Cardiff. [Spica, Cardiff. 0719.]
1898.	STEVENSON, HEW	Messrs. Crompton & Co., Salisbury House, London Wall, E.C.
1906.	Stevenson, James John	Chief Eng., Messrs. Richard Thomas & Co., S. Wales Works, Llanelly.
1909.	STEWART, ALEXANDER ANDER-	34 Queen Street, Melbourne, Victoria.
1903.	STEWART, GEORGE	Retreat, Southbrae Drive, Jordan- hill, Glasgow.
1905.	STEWART, JAMES	Scottish Co-op. Wholesale Soc., Shieldhall, Glasgow; and 38 Ken-
1904.	STILL, WILLIAM	mure St., Pollokshields, Glasgow. 150 Leadenhall St., E.C.
1906.		Messrs. John Stirk & Sons, Ovenden Rd., Halifax.
1905.	STIRLING, DAVID EDWARD	The Nest, Cole Park Rd., Twicken- ham.
1880.	STIRLING, JAMES	70 1 1 1 2 2 27 1
1885.	· · · · · · · · · · · · · · · · · · ·	Loco. Supt., H.B. & W.R. Junction Rly. & Dock Co., Hull.
1898.	STIRLING, ROBERT	The Anchorage, Dormans Park, East Grinstead.
1898.	STOBIE, GEORGE	Govt. Railways, Pietermaritzburg, Natal.
1901.	STOCKER, Eng. Lieut. PERCY, R.N	

Date	of	Election	l
and	of I	Transfer.	

1898. A.M.) STOCKTON, CECIL 8 Park St., Loughborough. 1893. A.M.) STOCKTON, JOSEPH SADLER Managing Director, Carbrook S Works, Sheffield; and Be House, Whiteley Woods, St., field.	ech nef-
1893. A.M. STOCKTON, JOSEPH SADLER (Managing Director, Carbrook S Works, Sheffield; and Be House, Whiteley Woods, Stield.	ech nef-
1897. M.) STOCKTON, JOSEPH SADLER House, Whiteley Woods, S. field.	ons,
field.	ons,
1894. A.M.) Crown Crown Crown Fr. Einchury Payament E.C.	
1897. M. STONE, SIDNEY 10 FIRSDITY TWO MICH.	
1908. STOREY, JOHN EDWARD Messrs. James B. Petter and S.	le a
(Floatring Fing Floatrinity Wo	
1903. STOREY, PERCIVAL Torquay.	LO,
1904. A.M.) Groper Groper Records Formles Broadley Rochdale	
1900. M.)	
1901. STORMONT, PETER CAMPBELL 125 Hamilton Place, Aberdeen. (P.O. Box 5465, Johannesb.)	1ro
1906. Stowe, George Sully Transvaal.	
Messrs. Sidney Straker & Squ	
1888. STRAKER, SIDNEY Nelson Square, Blackfriars, S	
[Rhomboidal, London, 369 370 Hop.]	ind
1901. A.M.) STRATHERN, ALEXANDER (Strathern's Weldless Chains, G	art-
1907. M. GEORGE sherrie, N.B.	
1904. STRATTON, JOHN Supt. Eng., Messrs. W. T. Glov.	ræ
1897. STRICKLAND, FREDERIC Derwent Mount, Malton.	Br.
(STROMEYER, JOHANN PHILIPP (M.S.U. Assocn., 9 Mount St., M.	an-
(EDMOND CHARLES) Chester.	
1899. STUBBS, JOSEPH HETHERING- Mill St. Works, Ancoats, M.	an-
1882. SUGDEN, THOMAS 180 Fleet St., E.C. [Holborn 1	86.7
(Supt., Metrop. Asylums Board R	
1909. SULLIVAN, CLEMENT ERNEST Service, South Wharf, Rot	ner-
hithe, S.E. (Messrs. Sulzer Brothers, Win	tor
1890. Sulzer, Jacob thur, Switzerland.	061-
1906. SUNNER, JOHN HARLEY Telegraph St., Singapore, Str	aits
(Settlements.	
(Water Free Water Warks T	aw.
thorn Bank, Newton-le-Willo	WS,
1883. SUTTON, JOSEPH WALKER 36 Bedford St., Strand, W.C.	
1905. A.M.) SUTTON, MARK	2
1909. M.) SUTTON, MARK Andarahy Grande, Rio Janeiro, Brazil.	de
1907 SWAN ANDREW DON Resident Eng., New Harl	our
(Works, Montreal, Canada.	-
1884. Swan, Sir Joseph Wilson, 57 Holborn Viaduct, E.C.; F.R.S Overhill, Warlingham, Surre	and
1906. SWANSON, JOHN HUNTER (Messrs. Howarth Erskine, Ba	ng-
kok, Siam.	
1898. SWASEY, AMBROSE Messrs. Warner & Swasey, Cl.	ve-
land, Ohio, U.S. [Messrs. Thompson Brothers,	155
Fenchurch St., E.C.	
1897. SWINBURNE, GEORGE 99 Queen St., Melbourne, Victor	
1898. SWINBURNE, JAMES [82 Victoria St., Westminster, S [Westminster 292.]	W.
G	

	35 377	(Wallsend Brass Works, Newcastle- on-Tyne; and The Cottage, Jes-
1882.	SWINBURNE, MARK WILLIAM	mond Park East, Newcastle-on- Tyne. [Bronze, Wallsend.]
1901.	SWINBURNE, WILLIAM	Manager, Melbourne Hydraulic Power Co., 99 Queen St., Mel- bourne, Victoria.
1905.	SYKES, JOSEPH CHARLES	W. R. Sykes Interlocking Signal Co., Station Rd., Clapham, S.W.
1905. A.M.) 1908. M.)	Symons, Diogo Andrew	39 Victoria St., Westminster, S.W.
1900.	TAGGART, WILLIAM SCOTT	Lieutenants, Smithills, Bolton. (New Taite Howard Pneumatic Tool
1878.	TAITE, JOHN CHARLES	Co., 63 Queen Victoria St., E.C. [6925 Central.]
1893. A.M.) 1908. M.)	Takatsuji, Narazo	Kanegafuchi Spinning Co., Muko- jima, Tokyo, Japan.
1895. A.M.) 1907. M.)	TAKIMURA, TAKEO	Genl. Manager, Osaka Cotton Mill, Osaka, Japan.
1901.	TALBOT, BENJAMIN	County Bank Chbrs., Middles-brough.
1875.	TANGYE, GEORGE	Cornwall Works, Soho, Birming-ham. [Tangyes, Birmingham.]
1889. G.) 1894. M.)	TANGYE, HAROLD LINCOLN	Cornwall Works, Soho, Birming- ham. Cornwall Works, Soho, Birming-
1861.	TANGYE, JAMES	ham; and Aviary Cottage, Illogan, Redruth.
1885. G.) 1901. M.	Tangye, John Henry	Cornwall Works, Soho, Birming-ham.
1895.	TANNETT, JOHN CROYSDALE	Messrs. Fullerton, Hodgart & Bar- clay, Vulcan Works, Paisley.
1891.	TANNETT - WALKER, ARTHUR TANNETT (Vice- President)	Goodman Street Works, Hunslet, Leeds. [Tannett-Walker, Leeds.]
1879.	TARTT, WILLIAM	Maythorn, South Godstone, Surrey. (Brook Vale, Erdington, Birming-
1876. 1874. G.)	TAUNTON, RICHARD HOBBS	ham. (71 Edith Rd., West Kensington.
1874. G.) 1883. M.)	TAYLOR, ARTHUR (TAYLOR, Eng. Commander)	W.
1900.	CHARLES GERALD, R.N)	Royal Naval College, Dartmouth.
1898. G. 1900. A.M. 1907. M.	TAYLOR, CHARLES PERCY	Park House, Gravesend.
1898. A.M.) 1902. M.)	TAYLOR, EDWARD, Jun	Windsor Steam Laundry, Windsor.
1900.	TAYLOR, EDWARD BROUGH	Caxton House, Westminster, S.W. (8 Alma Rd., Heaton Moor, Stock-
1884. G.) 1899. M.)	TAYLOR, JOSEPH	port. (Derwent Foundry, 60 and 62
1875.	TAYLOR, JOSEPH SAMUEL	Constitution Hill, Birmingham. [Derwent, Birmingham.]
1907.	TAYLOR, NEWMAN	Messrs. Macbeth Brothers & Co., Bombay.

MEMBERS.

1893.		TAYLOR, ROBERT, Jun	Works Manager, Messrs. Asa Lees & Co., Soho Iron Works, Oldham.
1882.		TAYLOR, ROBERT HENRY	Stanton Villa, 230 Lewisham High Rd., St. John's, S.E.
1894. 1901.	A.M. M.	TAYLOR, WILLIAM	Stoughton St. Works, Leicester. [Lenses, Leicester. 134.]
1901.		TAYLOR, WILLIAM	Midland Engineering and Foundry Works, Sandiacre, Nottingham. [Taylor Bros., Sandiacre. 1635.]
1902. 1904.	A.M. M.	TAYLOR, WILLIAM	Navestock Side, Oxford Rd., Bootle, Liverpool.
1896.		TAYLOR, WILLIAM ISAAC	Messrs. Clarke, Chapman & Co., 50 Fenchurch St., E.C.
1909.		TEAROE, JAMES	Queensland Government, 409 Strand, W.C.
1895.		TEBBUTT, SIDNEY	Freemantle Chambers, South- ampton.
1904.		TEMPLER, HENRY LETHBRIDGE	Ferreira G. M. Co., Box 1021, Johannesburg, Transvaal. (111 Hatton Garden, E.C. [Care
1899. 1906.	A.M. M.	TENNANT, WILLIAM JOHN	Boult, London. Holborn 180. Brixton 823.]
1882.		TERRY, STEPHEN HARDING	Upcott, 8 Grove Rd., Surbiton, Surrey.
1891.		TETLOW, ERNEST	Bottoms Iron Works, Hollinwood, Manchester.
1899.		THACKERAY, THOMAS	Messrs. Vickers, Sons and Maxim, Barrow-in-Furness.
1877.		THOM, WILLIAM	Canal Foundry, Blackburn.
1904.		THOMAS, FRED WHITTAKER	Chief Eng., Messrs. John Crossley & Sons, Halifax.
1900. 1904.	A.M.)	THOMAS, JOHN FREDERICK	Wyngates, Church Rd., Watford.
1867.	,	THOMAS, JOSEPH LEE	2 Hanover Terrace, Ladbroke Sq., Notting Hill, W.
1897.		THOMAS, LEWIS RICHARD	G.W. Rly. Works, Swindon; and Highmead, 149 Cromwell Rd., Bristol.
1906,		THOMAS, RICHARD BEAUMONT	South Wales Works, Llanelly. Chief Eng., Messrs. Harrods,
1900,		THOMPSON, GEORGE WILLIAM	Brompton Rd., S.W.; and 8 West Kensington Mansions, West Kensington, W.
1903.	1	THOMPSON, JOHN HANNAY, F.R.S.E	Harbour Engineer, Dundee.
1900.		THOMPSON, JOHN ROBERT	306 Wells Rd., Knowle, Bristol.
1883. 1902.	A M.)	THOMPSON, RICHARD CHARLES	Bridge Dockyard, Sunderland. (Ettingshall Boiler Works, Wolver-
1910.	M.}	THOMPSON, STEPHEN JOHN	hampton.
1887.		THOMPSON, WILLIAM PHILLIPS	6 Lord St., Liverpool. [Patent, Liverpool. 1605.]
1900.		THOMSON, GEORGE	(Natal Govt. Harbour Works, Port Natal, S. Africa.
1904.		THOMSON, GEORGE	[11 Randolph Place, Edinburgh. [03124 Central.]
1868.		THOMSON, JOHN	(3 Crown Terrace, Dowanhill, Glasgow.

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1909.	THOMSON, WILLIAM	Brook House, Water Lane, Brislington, Bristol.
1893.	THORNBERY, WILLIAM HENRY	[32 Paradise St., Birmingham. [Thornbery, Birmingham. 1989.] [Former Member, 1880–1887.]
1898.	THORNELEY, WILLIAM	Abbey Hey House, Gorton, Man- chester.
1868.	THORNEWILL, ROBERT	Burton Iron Works, Burton-on- Trent.
1885.	THORNLEY, GEORGE	Waterloo Engineering Works, Burton-on-Trent.
1908.	THORNTON, CHARLES JAMES	Loco. Supt., United Railways of
1877.	THORNTON, FREDERIC WILLIAM	Havana, Cuba. Hydraulic Eng. Co., Chester.
1882.	THORNTON, HAWTHORN ROBERT	P.O. Box 70, Uitenhage, Cape Colony.
1876.	(THORNYCROFT, Sir John Isaac, LL.D., F.R.S. (Mem- ber of Council)	Messrs. John I. Thornycroft & Co., Church Wharf, Chiswick, W. [Thornycroft, London. 6 Ham- mersmith.]; and Eyot Villa, Chiswick Mall, Chiswick, W.
1882.	THOW, WILLIAM	Chief Mech. Eng., Govt. Railways,
1895. A.M.) 1902. M.)	THRELFALL, GEORGE	Eveleigh, Sydney, N.S.W. Savage Club, 6 Adelphi Terrace, Strand, W.C.
1898. A.M.)		(Thames Ammunition Works, Erith,
1902. M.	TICEHURST, HUGH GORHAM	S.O., Kent; and Telham, Freta
		Rd., Bexley Heath, Kent.
1885.	TIMMERMANS, FRANÇOIS	Managing Director, Société anon- yme des Ateliers de la Meuse, Liége, Belgium. [Société Meuse, Liége.]
1890.	TITLEY, ARTHUR	Beechwood, Hartopp Rd., Four Oaks, Sutton Coldfield, Birmingham.
1875.	TOMKINS, WILLIAM STEELE	Broughton House, near Stock- bridge, Hants.
1908.	TOMPKINS, Eng. Commander ALBERT EDWARD, R.N	H.M.S. "Hyacinth," c/o Post- master General, E.C.
		Works Manager, Wicks Rotary
1900. A.M.)	Tottle, Edward George	Type Casting Co., Willesden Junction, N.W. [Enargite,
1905. M.)	,	London. Harlesden 15.]; and 76
		Croham Rd., South Croydon.
1894.	Touche, John Edward	[62 London Wall, E.C. [9691 London Wall.]
1889.	Towler, Alfred	Messrs. Hathorn Davey & Co., Sun Foundry, Leeds.
1896. A.M.)	TRAFFORD, ALFRED	Lea House, Gravelly Hill, Bir-
1906. M.	TRAFFORD, ALFRED	mingham.
		Marine Supt., Knott's Prince Line
1890.	TRAIL, JOHN	of Steamers, Newcastle-on-Tyne; and 21 Grosvenor Place, New-
		castle-on-Tyne.
1901.	TRAVERS, ERNEST JAMES	Britannia Works, Belfast.
1888.	TRAVIS, HENRY	Suptg. Eng. and Constructor of Shipping to the War Dept.,
	• • • •	Royal Dockyard, Woolwich.

	TREHARNE, GWILYM ALEX-	Station St., Aberdare. [Treharne,
1893. M.)	ANDER	Aberdare. 18.] 39 Victoria St., Westminster, S.W.
		(Manager, Yokohama Engine and
1909.	TRESIZE, WALTER KENDALL	Ironworks Co., Yokohama, Japan. Via Siberia.
1887.	TRIER, FRANK	Caxton House, Westminster, S.W.
1896.	Thomas Armanan Parties	[Viscosity, London. 900 Victoria.] Board of Trade, 8 Richmond Ter-
1030.	TROTTER, ALEXANDER PELHAM	race, Whitehall, S.W.
1906.	TROWELL, WILLIAM JOHN	Inspector, Marine Surveys, Singapore, Straits Settlements.
1899. A.M.) 1907. M.)		Messrs. Grafton & Co., Vulcan Works, Bedford.
1907.	TSURUMI, Professor Shoshiro	Osaka Higher Technical School, Osaka, Japan.
1901.	TULLIS, DAVID KIEL	(Kilbowie Iron Works, near Glas-
1000		gow. [Tullis, Clydebank.] [16 Water Lane, Great Tower St.,
1903.	TULLY, WILLIAM	[E.O. [Glist, London. 975 Central.]
1909.	TURLEY, THOMAS	Earl of Dudley's Castle Mill Engineering Works, Tipton.
		St. Mungo Works, Bishopbriggs,
1887.	TURNBULL, ALEXANDER	Glasgow. [Valve, Glasgow. Royal 4394.]
1904.	The state of the s	Canal Basin Foundry, Dobbie's
1904.	TURNBULL, WILLIAM LAWRIE	Loan, Glasgow. [Turbine, Glasgow. 3032 Royal.]
		Whitehouse Machine Works, Den-
1894.	TURNER, ALBERT	ton, Manchester. [Machines,
1007	M	Denton. 205.] Works Manager, Messrs. George
1897.	TURNER, ALFRED	Jones, Lionel St., Birmingham.
1866.	TURNER, FREDERICK	St. Peter's Iron Works, Ipswich. [Gippeswyk, Ipswich.]
1876.	TURNEY, Sir JOHN	Trent Bridge Leather Works, Nott-
1902. A.M.)		ingham. [Turney, Nottingham.]
1907. M.	TURPIN, WILLIAM ALFRED	Works Manager, Messrs. Panhard and Levassor, Acton Vale, W.
1899.	TURTON, WILLIAM HENRY	220 Burrage Rd., Plumstead.
1909.	TWEEDALE, JAMES	Works Manager, Messrs. Thomas Robinson & Son, Railway Works,
	The second of th	Rochdale.
1906. A.M.) 1907. M.)	TWEEDY, ALFRED CARLYON	Asst. Loco. Supt., Assam-Bengal Rly., Chittagong, Bengal, India.
1897.	TWELVETREES, WALTER NOBLE	195 Bedford Hill, Balham, S.W.
1906.		[1221 Battersea.] Messrs. Henry Rogers, Sons & Co.,
1902.	TWENTYMAN, HAROLD EDWARD	Wolverhampton.
2002,	Twinberrow, James Denis	1 Woodside, Hexham.
		(T) T) 1 1 T 1 T 1 T 1 T 1 T 1 T 1 T 1 T
1000	Y7	Eng., Electric Lighting and Tram-
1903.	ULLMANN, WILLIAM CHARLES	ways Dept., Nelson St., East Ham, E.; and 20 Forest Drive, Manor Park, E.
1896. A.M.)	UMNEY, HERBERT WILLIAMS	
1900. M.	Carat, RIERBERT WILLIAMS	1 Mowbray Rd., Norwood, S.E.

	/TT	
1909.	UNDERHILL, REGINALD STAN-	Atalanta, (11agana), 1100115, 010000.
1899.	Unsworth, Herbert George	The Cliff, Railway Avenue, Colombo, Ceylon.
1904.	Unsworth, Robert Harry	Works Manager, Messrs. Ransomes and Rapier, Ipswich; and Dalton House, Palton Road, Ipswich.
1909. 1898. 1899. 1901. A.M. 1906. M.		Palace Gate Mansions, 29 Palace Gate, Kensington, W. [Former Member, 1878–1895.] L. & S.W. Rly., Nine Elms, S.W. Works Manager, Caledonian Rly., St. Rollox, Glasgow. Danelova Manufactur, Moscow, Russia.
1908.	URQUHART, LESLIE	Managing Director, Kyshtim Min- ing and Metallurgical Works (Urals), 5 Fenchurch St., E.C.
1898.	URWICK, ARTHUR JOHN	Nevile Engineering Co., Worcester.
1904.	Vaughan, Henry Hogue	Supt. of Motive Power, C.P. Rly., Montreal, Canada.
1901.	Vaughan, John Alfred	(Chief Insptr. of Machinery, P.O. Box 1132, Johannesburg, Transvaal.
1885.	VAUGHAN, WILLIAM HENRY	Royal Iron Works, West Gorton, Manchester. [Vaunting, Man- chester. 5106.]
1897.	VAUX, WALTER	Farleigh, 18 Trinity Rd., Bootle, Liverpool.
1900.	VEEN, Eng. Lieut. VERNON ALFRED ALEXANDER TER, R.N	H.M.S. "Actaeon," c/o Postmaster General, E.C.
1899.	VERNON, CHARLES EDWARD	(Ellingham, Woodford Rd., South
1902. 1889. G. 1890. M.	VERNON, PERCY VENABLES VESIAN, JOHN STUART ELLIS DE	Woodford, N.E. Messrs. Alfred Herbert, Coventry. (c/o L. G. Mouchel, 38 Victoria St., Westminster, S.W.
1910.	VICK, FRANK HOWARD	Officiating Supt., Govt. Workshops, Roorkee, U.P.A.O., India.
1865.	VICKERS, ALBERT	River Don Works, Sheffield.
1861.	{VICKERS, THOMAS EDWARD, C.B	River Don Works, Sheffield.
1856.	{Waddington, John (Life Member)	(35 King William St., London Bridge, E.C. [Bank 518.]
1899.	Waddington, Richard	35 King William St., London Bridge, E.C. [Bank 518.]
1906.	WADE, WILLIAM REGINALD	The Mount, Henbury, Macelesfield.
1901.	{Wadia, Nusserwanjee Nowrosjee	Messrs. Nowrosjee Wadia & Sons, Bombay; and Bella Vista, Cum- balla Hill, Bombay.
1903.	Waight, John	Kiang-nan Dock and Engineering Works, Shanghai, China.

1907. WAILES, REGINALD PERCY 1902. WAINFORD, RICHARD HANBURY 1898. WAINWRIGHT, JOHN WILLIAM 1888. WAISTER, WILLIAM HENRY 1881. WAKE, HENRY HAY 1882. WAKEFIELD, WILLIAM 1888. WALKE, CHARLES NICHOLAS EVES 1890. WALKEDEN, GEORGE HENRY 1890. WALKER, EDWIN ROBERT 1902. WALKER, EDWIN ROBERT 1903. WALKER, EDWIN ROBERT 1904. WALKER, EDWIN ROBERT 1905. WALKER, EDWIN ROBERT 1906. WALKER, EDWIN ROBERT 1907. Euston Rd., N.W. Messrs. Hartley, Causton & Co., Stoke-on-Trent. Parliament Mansions, Victoria St., Westminster, S.W. [Retocar, London. 5323 Westminster.] Loco. and Carr. Running Dept., G.W. Rly., Swindon. Eng. to the River Wear Commission, Sunderland. 123 Rathgar Rd., Dublin. Inspector of Steam Boilers, Town Custom House, Bombay. Ldn. and Hamburg Gold Recovery Co., Brown Hill, W. Australia. Pagefield Iron Works, Wigan. [Pagefield, Wigan. 14.] Genl. Manager, St. James' and Pall Mall Electric Light Co., Carnaby
1898. WAINFORD, RICHARD HANBURY 1898. WAINWRIGHT, JOHN WILLIAM 1888. WAISTER, WILLIAM HENRY 1881. WAKE, HENRY HAY 1882. WAKEFIELD, WILLIAM 1888. WALKE, CHARLES NICHOLAS EVES 1890. WALKEDEN, GEORGE HENRY 1890. WALKEDEN, GEORGE HENRY 1890. WALKER, EDWIN ROBERT 1802. WALKER, EDWIN ROBERT 1803. WAINFORD, RICHARD HANBURY { Parliament Mansions, Victoria St., Westminster, S.W. [Retocar, London. 5323 Westminster.] Loco. and Carr. Running Dept., G.W. Rly., Swindon. Eng. to the River Wear Commission, Sunderland. 123 Rathgar Rd., Dublin. (Inspector of Steam Boilers, Town Custom House, Bombay. Ldn. and Hamburg Gold Recovery Co., Brown Hill, W. Australia. Pagefield Iron Works, Wigan. [Pagefield, Wigan. 14.] Genl. Manager, St. James' and Pall
WAINWRIGHT, JOHN WILLIAM Westminster, S.W. [Retocar, London. 5323 Westminster.] Loco. and Carr. Running Dept., G.W. Rly., Swindon. Eng. to the River Wear Commission, Sunderland. WAKE, HENRY HAY
1888. WAISTER, WILLIAM HENRY G.W. Rly., Swindon. 1881. WAKE, HENRY HAY {Eng. to the River Wear Commission, Sunderland.} 1882. WAKEFIELD, WILLIAM 123 Rathgar Rd., Dublin. 1898. {WALKE, CHARLES NICHOLAS EVES {Inspector of Steam Boilers, Town Custom House, Bombay.} 1890. WALKEDEN, GEORGE HENRY {Ldn. and Hamburg Gold Recovery Co., Brown Hill, W. Australia.} 1902. WALKER, EDWIN ROBERT {Pagefield Iron Works, Wigan.} 1904. [Pagefield, Wigan. 14.] Genl. Manager, St. James' and Pall
1881. WAKE, HENRY HAY { mission, Sunderland.} 1882. WAKEFIELD, WILLIAM 123 Rathgar Rd., Dublin. (WALKE, CHARLES NICHOLAS { Inspector of Steam Boilers, Town Custom House, Bombay.} (Sustom House, Bombay. Co., Brown Hill, W. Australia. Pagefield Iron Works, Wigan. Pagefield, Wigan. 14.] (Genl. Manager, St. James' and Pall
1882. WAKEFIELD, WILLIAM
1898. { Eves
1902. WALKER, EDWIN ROBERT { Co., Brown Hill, W. Australia. { Pagefield Iron Works, Wigan. [Pagefield, Wigan. 14.] { Genl. Manager, St. James' and Pall
1902. WALKER, EDWIN ROBERT [Pagefield, Wigan. 14.] (Genl. Manager, St. James' and Pall
- I Wan process Light Co., Carnady
1898. WALKER, FREDERIC JAMES St., Golden Sq., W. [Licensable,
1890. WALKER, HENRY 9 Gladstone Terrace, Gateshead.
(Messrs. R. Waygood & Co., Fal-
1894. WALKER, HENRY CLAUDE mouth Rd., Great Dover St., S.E.
[Waygood, London. Hop 760.] (Chief Mech. Eng., Buenos Aires
1909. WALKER, HENRY EDWARD G.S. Railway, Casilla 109, Buenos Aires, Arg. Rep.
1909. WALKER, JAMES Messrs. J. G. White & Co., 9 Cloak Lane, Cannon Street, E.C.
1875. WALKER, JOHN SCARISBRICK Pagefield Iron Works, Wigan; and 1876. The Park Crescent, Southport.
[Pagefield, Wigan. 14.]
1909. WALKER, JOSEPH GRIFFIN {Chief Engineer, Messrs. Walker Brothers, Walsall. {Works Manager, Messrs. Callender's
1902. WALKER, PERCY Cable and Construction Co., Belvedere, S.O., Kent.
Messrs. Whittaker Hall & Co.,
1907. M. WALKER, ROBERT Black Lane Engineering Works, Radcliffe, Manchester.
1876. WALKER, THOMAS FERDINAND 58 Oxford St., Birmingham.
1890. WALKER, WILLIAM GEORGE Emery Hill St., Ashley Gdns., Westminster, S.W.
1878. WALKER, ZACCHEUS, Jun Fox Hollies Hall, near Birmingham.
1897. Wall, Charles Henry 27 Curzon Chbrs., Paradise St., Birmingham.
1902. WALLACE, JOHN CRAWFORD {Venesta Ltd., 242 West Ferry Rd., Millwall, E.
1884. WALLAU, FREDERICK PETER. Supt. Eng., Union-Castle Mail Steamship Co., Southampton.
1901. A.M. WALLER WILLIAM (28 to 32 Vauxhall Walk, S.E.
1904. Bi.) Warran Graner Proposed I (Stampings, London, Hop 1423.)
1868. WALLIS, GEORGE PEARSON Mount Royal, Horsforth, Leeds.
Canada.

Date	of	Ele	ecti	on
and	of !	I ra	nsf	er.

1893.	Wallwork, Roughsedge	Union Bridge Iron Works, Charter St., Manchester.
1891.	Walmsley, John	Genl. Manager, Messrs. J. and P. Coats, Ferguslie Thread Works,
		Paisley.
1865.	Walpole, Thomas	Windsor Lodge, Monkstown, Co. Dublin.
1905.	WALTON, GEORGE LAIRD	Supt. Eng., Marine Dept., Lagos, W. Africa.
1881.	WARBURTON, JOHN SEATON	19 Stanwick Rd., W. Kensington, W.
1901.	Ward, John	Woodlands, Tatsfield, Westerham, S.O., Kent.
1864.	WARDEN, WALTER EVERS	Phœnix Bolt and Nut Works, Handsworth, R.O., Birmingham.
- 1		[Bolts, Birmingham.]
1900. A.M.) 1906. M.)	WARDEN-STEVENS, FREDERIC	34 Victoria St., Westminster, S.W.
1882.	WARDLE, EDWIN	Boyne Engine Works, Hunslet, Leeds. [Manning, Leeds.]
		(Messrs. Edgar Allen & Co., Imperial
1904.	WARLOW, FREDERICK ARTHUR	Steel Works, Sheffield. [Allen,
1886. G.)	-	Sheffield.] \$120 Fenchurch St., E.C. [Vibro-
1891. M.	WARREN, FRANK LLEWELLYN	scope, London. 9423 Central.]
	WARREN, FREDERICK FRID-	Managing Director, Messrs. Ross & Walpole, North Wall Iron
1899.	LEZIUS	Works, Dublin. [Iron, Dublin. 811.]
1007	WARREN, JAMES GRAEME	Messrs. Robert Stephenson & Co.,
1907.	HEPBURN	Darlington.
1885.	WARREN, WILLIAM	Cali, Rep. of Colombia, via Buena- ventura, S. America.
1901.	WARRINER, ROBERT	Manager, Thames Engineering Works, Greenwich, S.E.
1900.	WATCHURST, CHARLES LEESE	66 Boyne Road, Lewisham, S.E.
1881.	Watkins, Alfred	58 Fenchurch St., E.C. (Chief Eng., Messrs. Thomas De La
1902.	WATKINSON, FREDERICK GEORGE	Rue & Co., 110 Bunhill Row, E.C.
1890.		Walker Engineering Laboratories,
1000.	LIAM HENRY	The University, Liverpool. (32-34 Greek St. Chbrs., Park Row,
1900.	WATNEY, THOMAS SAVILE	Leeds. [Energy, Leeds. 2229.]
1905.	WATSON, FRANK LESLIE	Atlas Works, Pershore.
1893. A.M.) 1900. M.	WATSON, GEORGE	[39 Victoria St., Westminster, S.W. [Meterage, London.]
1900.	WATSON, GEORGE	Moorlands, Worcester.
		(Manganese Bronze and Brass Co.,
1890.	Watson, George Coghlan	St. George's Wharf, Deptford, S.E.; and 3 Ashburton Rd.,
		Croydon.
1990	WATSON, HENRY BURNETT	High Bridge Works, Newcastle-on- Tyne. [Watsons, Newcastle-on-
1882.	WAISON, HEART DURNETT	Tyne. 6517.]
1896.	Watson, James Falshaw	15 Shaw Lane, Headingley, Leeds. [Inspection, Leeds.]
1903.	Watson, John	Chief Eng., Pearson and Knowles Coal and Iron Co., Warrington.
		Coar and from co., Warrington,

1897.	Watson, John B	{150 Scalpcliffe Rd., Burton-on- Trent. [403.]
1897.	Watson, Thomas John	32 Grainger St. West, Newcastle- on-Tyne.
1902.	Watson, William Cummings	Messrs. R. and W. Hawthorn, Leslie & Co., Forth Banks Works, New-
1904.	WATT, ADAM	castle-on-Tyne. (Edinburgh Life Bldg., Mosley St.,
1877.	WATTS, JOHN	Newcastle-on-Tyne. 43 Broad St., Bristol.
1902.	{WATTS, Sir PHILIP, K.C.B.,	Director of Naval Construction, Admiralty, Whitehall, S.W.
1904. A.M.) 1909. M.)	WATTS, WILLIAM JOHN	Messrs. Thomas Broadbent & Sons, Central Ironworks, Huddersfield.
1902.	WAY, EDWARD JOHN	sc/o Messrs. Farrar Brothers, 4
1897. A.M.\	· · · · · · · · · · · · · · · · · · ·	London Wall Bldgs., E.C.
1907. M.	WAYNFORTH, HARRY MORTON	Assistant Professor of Engineering, King's College, Strand, W.C. (Swan Bldgs., Edmund St., Birming-
1897.	WEARING, JOHN EVENDEN	ham.
1886.	Weatherburn, Robert	Ashton Lodge, Petitor Road, St. Mary Church, Torquay.
1901. A.M.) 1909. M.)	WEAVER, HENRY JAMES	Northgate Mansions, Gloucester.
1884.	WEBB, RICHARD GEORGE	(c/o Mercantile Bank of India, 40 Threadneedle St., E.C.
1901.	Webb, Thomas Henry	Rocklands, Glenhirst Rd., Nab Wood, Shipley, Yorks.
1901. 1890.	WEBSTER, FRANCIS JOHN WEBSTER, JOHN JAMES	Loco. Dept., G.N. Rly., Doncaster. 39 Victoria St., Westminster, S.W.
1887.	WEBSTER, WILLIAM	Gresham House, Battery Rd.,
1908.	WEDEKIND, WERNER CLAUDE	Singapore, Straits Settlements. 110 Fenchurch St., E.C.
1908.	WEDGE, FRANCIS HUMPHREY	Messrs. Mallett & Co., The Foundry,
1891.	WEIGHTMAN, WALTER JAMES	East London, Cape Colony. Endsleigh, Chepstow Rd., Croydon.
1906.	WEIR, WILLIAM	Holm Foundry, Cathcart, Glasgow.
1898.	Wells, George James	NorthBritish Motor Manufacturing Co., Dumfries.
1895. A.M.) 1897. M.)	WEST, CHARLES HERBERT	5 Castle St., Liverpool. [Referee,
,		Liverpool. Central 5223.] (82 Belvedere Road, S.E. [Veri-
1898.	WEST, ERNEST HENRY	[kold, London. Hop 3687.]
1894.	West, John	Albion Iron Works, Miles Platting, Manchester.
1891.	WEST, LEONARD	Ravenhead Plate Glass Works, St. Helens, Lancs.
1877.	WESTERN, CHARLES ROBERT	Broadway Chbrs., Westminster, S.W. [Donbowes, London. West-
1877.	WESTERN, MAXIMILIAN RICHARD (Life Member)	minster 199.] 73 Iverna Court, Kensington High St., W.
1000		Managing Director, Messrs. Richardsons, Westgarth & Co., Mid-
1902.	WESTGARTH, TOM	dlesbrough. [Westgarth, Mid-dlesbrough. 202.]
1903. A.M.)	WESTLEY, CHARLES BARNARD	
1909. M.	WASTER, CHARLES DARNARD	The Limes, Downend, Bristol.

1895. {Westmacott, Henry Arm- strong	Benridge Hall, Ponteland, New-castle-on-Tyne.
WESTMACOTT, PERCY GRA- 1862. HAM BUCHANAN (Past-Presi-	Sir W. G. Armstrong, Whitworth & Co., Newcastle-on-Tyne; and
dent)	Rose Mount, Sunninghill, Ascot.
1880. {Westmoreland, John William Hudson}	University College, Nottingham.
1903. Weston, Thomas Wilson	Messrs. Joseph Watson & Sons, Whitehall Soap Works, Leeds.
1902. A.M. Weston, William Newton	Messrs. H. Morris & Bastert, Empress Works, Loughborough.
1888. WEYMAN, JAMES EDWARDES	Pilgrim House, Newcastle - on - Tyne.
1900. WHALE, GEORGE	35 Brunswick Terrace, Hove, Brighton.
	Genl. Manager, Oldbury Railway- Carriage and Wagon Works, Old-
1896. WHEELER, PERCY	bury, Birmingham. [Carriage Co., Oldbury.]
	(Resident Loco. Supt., Somerset &
1898. WHITAKER, ALFRED	Dorset Joint Rly., Highbridge, R.S.O., Somersetshire.
1894. WHITBY, ARTHUR GEORGE	Elville, The Park, Cheltenham.
1882. WHITE, ALFRED EDWARD	City Engineer, Hull. (28 Victoria St., Westminster, S.W.
1901. WHITE, ALFRED FRANCIS	[Tokyoite, London. 1555 Victoria.]
1908. A.M.) WHITE, HENRY GEORGE 1908. M.) NORMAN	1 The Mall, Lucknow, India.
1901. White, Robert	3 Victoria Street, Westminster, S.W.
(WHITE, Sir WILLIAM HENRY,	(Late Assistant Controller of the
1888. { K.C.B., LL.D., D.Sc., F.R.S.	Navy and Director of Naval Con-
(Past-President)	struction; Cedarcroft, Bristol Gardens, Putney Heath, S.W.
	(Messrs. James Armstrong & Co.,
1900. WHITEHEAD, ARTHUR	116 Queen Victoria St., E.C. [Tolamaco, London. 1476 Central.]
1905. (WHITEHEAD, HAROLD FRED-	6 Napier Rd., Heaton Moor, Stock-
tions. \ ERICK CROSSLEY	e port. Resident Eng. and Manager, Coven-
1902. WHITEHEAD, THOMAS ROSS	try Electric Tramways, Coventry.
1890. {Whitehouse, Edwin Edward Joseph	89 Clarendon Road, Leeds.
1900. WHITMORE, FRANK LEONARD	Messrs. Fraser & Chalmers, Erith, S.O., Kent.
1902. {WHITTAKER, FREDERICK WILLIAM	12 Shaftesbury Avenue, Bradford.
1897. WHITTELL, ALFRED LEIGHTON	Surveyor, Lloyd's Register, 15 Bank St., Fort, Bombay.
1903. Wicks, Gerald Hamilton	Bote Mining Co., Zacatecas, Mexico.
1878. Wicks, Henry	7 Kent Terrace, Regent's Park, N.W.
1897. WICKSTEED, CHARLES	Stamford Rd. Works, Kettering.
1868. G.) WICKSTEED, JOSEPH HART-	(Messrs. Joshua Buckton & Co.,
1882. M.) LEY (Past-President)	Well House Foundry, Meadow Rd., Leeds.

		(Britannia Works, Ordsal Lane, Sal-
1897.	WIDDOWSON, JOHN HENRY	ford, Manchester; and 25 With-
2001.	, , , , , , , , , , , , , , , , , , ,	ington Rd., Whalley Range, Manchester. [Taps, Salford.]
		(River Plate Fresh Meat Co., Cecil
1906.	WILBY, FRANK BURDETT	House, Holborn Viaduct, E.C.
1895. A.M.)	WILD ADDRESON GEODGE	sc/o W. S. Laycock, Victoria St.
1906. M.	WILD, ADAMSON GEORGE	Works, Sheffield.
1903. A.M.)	WILDING, JAMES ARMSTRONG	3 Wilson St., Drury Lane, W.C.
1907. M. <i>f</i>	WILDY, WILLIAM LAWRENCE	[Effacing, London. 4633 Gerrard.] Penlu, Camborne.
1090.	WILDI, WILLIAM DAWKENCE	(Supt. Eng., Messrs. Elder Dempster
1909.	WILKIE, JAMES BOWYER	& Co., Mersey Engine Works,
		Sefton St., Liverpool.
1892.	WILKINSON, EDWARD R	c/o Messrs. Rees & Wilkinson, 11
1902, A.M.)		Poultry, E.C. (19 and 20 York Place, W.; and
1904. M.	WILKINSON, FRANCIS ALAN	Harpenden, Herts.
1898.	WILKINSON, GEORGE	Beech Mount, Otley Rd., Harrogate.
1903.	WILKINSON, HENRY DANIEL	14 Queen St. Place, E.C. [Con-
1000.	THERESON, LIEUTE DATE	spicio, London.]
1907.	WILKINSON, JOSEPH	Queen's Dock Chbrs., Alfred Gelder St., Hull.
1000	***	(14 Des Vœux Road Central, Hong
1903.	WILKS, EDWARD CHARLES	Kong, China.
1909.	WILLANS, JOHN FREDERICK	Dist. Loco. Supt., Bombay, Baroda
1901.	WILLATT, WILLIAM HENRY	& C. I. Railway, Bombay. Messrs. Reckitt & Sons, Hull.
		(23 Monton St., Moss Side, Man-
1905.	WILLCOCKS, FREDERICK ROWE	(chester.
1909.	WILLCOX, HENRY WALKER	14 Norfolk Street, Sunderland.
1910.	WILLCOX, REGINALD JOHN	Marine Engineering Supt., Port of London Authority, 109 Leaden-
1310.	NORMAN	hall Street, E.C.
1900. A.M.)	WILLIAMS, ARTHUR	Apartado 980, Mexico City, Mexico.
1903. M.		
1893.	WILLIAMS, ARTHUR EDWARD	Res. Eng., Dagenham Dock, Essex.
1892. G.) 1895, A.M.	WILLIAMS, ARTHUR EDWARD	Winchester House, Old Broad St.,
1907. M.	11 200222009 220122000 220 11 (2012) 11	E.C.
1900. A.M.)		(Inspection Dept., Crown Agents
1907. M.	WILLIAMS, CHARLES EDWARD	for the Colonies, Whitehall
,		Gardens, S.W. (Harbour Eng., Dundalk Harbour
1909.	WILLIAMS, DAVID JOSEPH	Commissioners, Dundalk.
		(Eng., Manchester Ship Canal Co.,
1883.	(WILLIAMS, Sir EDWARD	1 41 Spring Gdns., Manchester
	LEADER	[Leader, Manchester. 688.]; and The Oaks, Altrincham.
1897. G.		(3 Salters' Hall Court, Cannon St.,
1899. A.M.	WILLIAMS, HAL	E.C. [Kawaka, London. 3333
1905. M.		[Central.]
1895. A.M.)	WILLIAMS, HENRY WATSON	45 Cliff St., Fremantle, W. Aus-
1900. M.)		tralia. (Central Marine Engine Works,
1884.	WILLIAMS, JOHN BEGBY	West Hartlepool.
1901.	(WILLIAMS, JOHN NORMAN)	Kahului, Maui, Hawaiian Islands.
	(SPENCEB)	

1905.	Williams, Mansell Vaughan	Chief Eng., Messrs. Cammell, Laird & Co., Derwent Iron & Steel Works, Workington.
1890.	WILLIAMS, THOMAS DAVID	G.P.O., Sydney, N.S.W.
1881.	WILLIAMS, WILLIAM FREKE MAXWELL	20 Great St. Helen's, E.C.; and North Lodge, Windsor Forest. [7202 Central.]
1899.	WILLIAMS, WILLIAM HENRY	Divisional Loco. Supt., G.W. Rly., Swindon.
1889.	WILLIAMS, WILLIAM WALTON	64 Talgarth Road, West Kensington, W.
1897.	WILLIAMS, WYNDHAM HENRY	The Rhododendrons, Birchwood Rd., Parkstone, Dorset.
1907.	{Williamson, Alexander} Smart	23 Water St., Yokohama, Japan.
1883.	Williamson, Richard	Iron Shipbuilding Yard, Workington; and South Lodge, Cockermouth.
1889. 1894. 1901.	A.M. WILLIS, EDWARD TURNLEY	Kingsbury Collieries, Tamworth; and Eversley, Albert Rd., Tamworth.
1897.	WILLS, FRANK	Perseverance Works, Bridgwater.
1882.	WILSON, ALEXANDER BASIL	Maryville House, Malone, Belfast. [201.]
1890. 1903. 1906.	A.M. WILSON, ALEXANDER COWAN	Winterbourne, Storeton Rd., Bir- kenhead.
1900.	WILSON, HENRY	Works Manager, Messrs. A. and T. Burt, Dunedin, N.Z.
1881.	Wilson, John	Eng., G. E. Rly., Liverpool St. Station, E.C. [Wilson, Eastern, London.]
1890.	Wilson, Joseph William	Principal, School of Practical Engineering, Crystal Palace, Sydenham, S.E.
1873.	Wilson, Thomas Sipling	Messrs. Rose, Downs & Thompson, Old Foundry, Hull.
1897.	WILSON, WILLIAM CAMPBELL	Messrs. Charles Burrell & Sons, St. Nicholas Works, Thetford.
1899.	Wilson, William Hope	2 Nithsdale Place, Pollokshields, Glasgow.
1901.	WILTON, BARTEL	Westseedyk 402, Rotterdam, Holland.
1891.	Wimshurst, James Edgar	Supt. Eng., Royal Mail Steam Packet Co., Southampton.
1907.	WINDER, OLIVER	Wood Green House, near Wednesbury. [64 Wednesbury.]
1902. <i>I</i> 1909.	A.M.) WINEBLOOM, ALBERT VICTOR	7 Bishopsgate St. Without, E.C.
1900.	WINGFIELD, CHARLES HUM-	28 Victoria St., Westminster, S.W.; and 3 Courthope Road, Wimble- don, S.W.
1890.	WINGFIELD, DIGBY CHARLES	Harland Rise, Polworth Rd.,
1887.	Winmill, George	Rushcroft, Chaucer Rd., Bedford.
1898.	Winn, Charles Reginald	St. Thomas Works, Granville St., Birmingham. [Winn, Birming- ham. 366.]

1000 1 75)		(Marrie Waterlaw & Com Time
1896. A.M.) 1903. M.	WINSTON, HAROLD HOLMES	Messrs. Waterlow & Sons, Finsbury, E.C.
1907.	WINTOUR, FRANCIS	Works Manager, G.N. Rly. Works, Doncaster.
1872.	WISE, Sir WILLIAM LLOYD	142 Inverness Terrace, Hyde Park,
1896. A.M.)		W. 180-89 Glover St., Birmingham.
1903. M.	WISEMAN, ALFRED	[Verus, Birmingham. 2299.]
1878.	WOLFE, JOHN EDWARD	24 Belsize Cres., Hampstead, N.W.
1888.	WOLFF, GUSTAV WILLIAM, M.P	Messrs. Harland & Wolff, Belfast.
1902.	Wollaston, Henry Uppleby	Hulburd Engineering Co., 150 Leadenhall St., E.C.
1900.	Wollaston, Thomas Roland	Lord's Chbrs., 26 Corporation St., Manchester. [Parabola,
1881.	WOOD, EDWARD MALCOLM	Manchester.] 3 Victoria St., Westminster, S.W.
1887.	WOOD, HENRY	Victoria Foundry, Bolton.
1902.	WOOD, HERVEY ALAN	Dist. Loco. Supt., E.I. Rly., Jamal-
1880. G.)		pore, Bengal. Metrop. Water Board, New River
1886. M.	WOOD, JOHN MACKWORTH	District, Rosebery Avenue, E.C.
1868.	Wood, Sir Lindsay, Bart	Southhill, Chester-le-Street.
1905.	Wood, Robert Gosby	Messrs. Willans and Robinson, Victoria Engine Works, Rugby.
1884.	WOOD, SIDNEY PRESCOTT	58 Victoria St., Westminster, S.W.
1898.	Wood, Sydney Henry	Gas Light and Coke Works, Beckton, E.
1890.	Wood, Thomas Royle	Los Talleres, Ferro Carril Rosario, Campana, Buenos Aires, Arg. Rep.
1896.	WOOD, WALTER CHAPMAN	International Mill, Shanghai, China.
1904.	Wood, Walter James	King Edward's Chbrs., 116 Cleethorpe Rd., Grimsby.
1890.	Wood, WILLIAM	(31 Studley Rd., Clapham Rd., S.W.
1882.	WOODALL, CORBET	Palace Chbrs., 9 Bridge St., West- minster, S.W.
1902. A.M.) 1905. M.)	WOODESON, WILLIAM ARM-	Messrs. Clarke, Chapman & Co., Gateshead.
1905.	WOODHOUSE, RICHARD	Clifton Bridge Iron Works, Brig-
1007	(Woods, ARTHUR ROBERT)	house.
1897.	THOMAS	2 Harbord Rd., Waterloo, Liverpool.
1894.	Woods, William Henry	Liver Foundry and Engine Works, Ordsal Lane, Salford, Man- chester. [Sluice, Manchester. 1962.]
1899.	WOOF, THOMAS	Caister House, Bromley Rd., Cat- ford, S.E.
1898.	Woollen, Thomas Henry	56 St. Mark's Rd., North Kensington, W.
1904.	WOOLLISCROFT, GEORGE WIL-	Loco. Dept., Mid. Rly., Derby.
1899.	Wootton, John	Coalville Iron Works, Coalville, Leicester.
1895.	WORDINGHAM, CHARLES HENRY	Beechgrove, Ridgeway Rd., Red Hill. [453.]

		(Assist Tree Conthese to a New
1887.	Worger, Douglas Fitzgerald	Assist. Eng., Southwark and Vaux- hall Water Works, Southwark Bridge Rd., S.E.
1874.	Worsdell, Thomas William	Stonycroft, Arnside, nr. Carnforth.
1894.	WORSDELL, WILSON (Mem-	Chief Mech. Eng., N.E. Rly.,
1897. A.M.)	ber of Council)	Gateshead. Messrs. Nettlefolds, Smethwick,
1910. M.)	Worsley, Philip John, Jun.	Birmingham. (Messrs. G. J. Worssam & Son,
1877.	Worssam, Henry John	Wenlock Rd., City Rd., N. [Massrow, London. King's Cross 677.]
1893. G. 1895. A.M.	WORT, WALTER EDWARD	(Heatly-Gresham Engineering Co.,
1909. M.	WORT, WALTER EDWARD	Letchworth, Herts.
,		((Secretary), The Institution of
1888.	WORTHINGTON, EDGAR	Mechanical Engineers, Storey's Gate, St. James's Park, West- minster, S.W.
1860.		Mill Bank, Bowdon, Altrincham.
1897.	TON	Engin-Chief, Mid. Rly., Derby; and Kirk Styles, Duffield, Derby.
1900.	WRIGHT, BENJAMIN HOLLING- WORTH	20 Copthall Avenue, E.C.
1897.	WRIGHT, FREDERICK GEORGE	G.W. Rly. Works, Swindon.
1909.	WRIGHT, GEORGE WARD	Chief Eng., Mount Lyell Mining and
1867. G.)	W Jame Dane	Rly. Co., Queenstown, Tasmania. (Llwynderw, Blackpyl, R.S.O.,
1873. M.)	WRIGHT, JOHN ROPER	Glamorgan.
1903.	WRIGHT, THOMAS	Genl. Manager, Masons Gas Power Co., Alma Works, Levenshulme, Manchester.
1001	WRIGHT, WALTER	Little Alne, Wootton Wawen, Bir-
1901.	717	mingham.
1909.	· · · · · · · · · · · · · · · · · · ·	13 Victoria St., Westminster, S.W. (Teesdale Iron Works, Stockton-on-
1871.	WRIGHTSON, Sir Thomas, Bart.	Tees.
1901.	WRIGHTSON, WILLIAM PER-	41 Clive Road, Penarth.
1898. A.M.)	WRINCH, HUGH EDWARD HART	Engineer's Office, Metropolitan Water Board, Surbiton.
1909. M.		Water Board, Surbiton. Genl. Manager, Boro' Tramways
1900. A.M.)	WYLD, WILLIAM	Dept., Laird St., Birkenhead;
1904. M.	WIED, WILDIAM	and 14 Slatey Rd., Claughton,
		Birkenhead. St. George's Engineering Works,
1902.	WILLES, DAVID DEWAR	Trafalgar St., Brighton.
1000	WYLLIE, JAMES	Chief Mech. Eng., Messrs. Henry
1902.	WILLIE, JAMES	Tate & Sons, Love Lane, Liverpool.
1877.	WYVILL, FREDERIC CHRIS-	19 East Parade, Leeds.
1889.	YARROW, ALFRED FERNANDEZ	Scotstoun, Glasgow [Yarrow, Glasgow. 2082 Partick.]; and Campsie Dene, Blanefield, Stirlingshire.

MEMBERS.

Date	e of	Election	
and	of '	Transfer.	

1895.	YARWOOD, WILLIAM JAMES	Castle Dock Yard, Northwich. [74.]
		Cyclone Works, Swinton, Man-
1899.	YATES, WALTER	chester. [Cyclone, Swinton,
		Manchester. 1871.]
1902. A.M.)	YERBURY, HARRY EDWARD	Chief Elect. Eng., Corporation
1905. M.	TEMBORI, IIIIII ZZWIZZ	Tramways, Division St., Sheffield.
1880. G.)	YORK, FRANCIS COLIN	Loco. Supt., B.A. and Pacific Rly.,
1883. M.)	1 County 2 Inches	Junin, Buenos Aires, Arg. Rep.
1903.	Young, Frederick William	Liverpool Salvage Assocn., Liver-
20004	2002.0,	pool.
1874.	Young, James	4 Granville Rd., Newcastle-on- Tyne. [Aid, Newcastle-on-Tyne.]
20,20		Tyne. [Aid, Newcastle-on-Tyne.]
1000	Young, Robert	England House, Penang, Straits
1892.	TOURG, NOBERT	Settlements.
1004 A M)		Tempered Spring Co., Ltd., Burton
1894. A.M.) 1896. M.	Young, Smelter Joseph	Weir Works, Sheffield. [Tempered, Sheffield. 354.]
1050. 11.)		203 West George St., Glasgow.
1899.	Young, Thomas	(Messrs. Lobnitz & Co., Renfrew,
		Paisley [Lobnitz, Renfrew. 57,
1887.	Young, WILLIAM ANDREW	Paisley.]; and Netherhill, Ren-
2001.	20010,	frew Rd., Paisley.
		(Elmire House, Heaton Rd., Heaton,
1881.	YOUNGER, ROBERT	Newcastle-on-Tyne.
	,	(110 110 display - 012 - 1) 1101

Date of Election.

ASSOCIATE MEMBERS.

[A.M.I.Mech.E.]

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		(Eng. and Surveyor, Stratford and
1906.	ABBOTT, ALFRED ERNEST	Wolverton Rural District Coun-
		cil, Wolverton, R.S.O., Bucks.
1902.	ABBOTT, ROBERT HILL	71 King St., Manchester.
1896.	ABELLA, JUAN	Parliament Mansions, Victoria
1030.	Applica, Coan	Street, Westminster, S.W.
1908.	ABLITT, EDWARD FREDERICK	Messrs. W. T. Glover & Co.,
1300.	Abhili, Edward Entertion	Trafford Park, Manchester.
		Powell Duffryn Steam Coal Co.,
1908.	ABRAHAM, GRIFFITH	Penallta Colliery, Hengoed,
		Cardiff.
1000	ADAMS, ALBERT EDWARD	Boro' and Water Works Eng.,
1900.	ADAMS, ALBERT EDWARD	Chippenham.
1000	Anara Dawson	(National Electric Supply Co.,
1903.	Adams, Dawson	Crown St., Preston.
1005	Adams, Francis Robert John	(Messrs. Howarth Erskine, Sin-
1905.	ADAMS, FRANCIS NOBERT JOHN	gapore, Straits Settlements.
4005	An and Thursday Charles ma	60 Queen Victoria St., E.C. [Vibur-
1907.	ADAMS, HENRY CHARLES	num, London. Bank 6006.]
4000	Annes Marrier Hoppies	(Res. Eng., Lancashire Electric
1909.	Adams, Maurice Hoppus	Power Co., Manchester.
	A Drop on Witters	Car and Genl. Insurance Corpn.,
1907.	ADAMS, PERCY WILLIAM	71 George St., Edinburgh.
1000	Anne Dearing Departur	(22 Writers Buildings, Calcutta,
1909.	Adams, Richard Percival	India.
1892. G.	An area Consessed Provinces	New Club, Johannesburg, Trans-
1897. A.M.	Adams, Sidney Rickman	vaal.
1005	(ADAMS, Capt. WILLIAM HENRY,	Inspector of Ordnance Machinery,
1907.	A.O.D	H.M. Gun Wharf, Chatham.
1000	(ADIASSEWICH, ALEXANDER	14 Addison Park Mansions, Addison
1898.	VICTOROVITCH	Gdns., Kensington, W.
1000	AIKEN, JOHN WILSON DONALD-	(Rangoon Mining Co., Tavoy, Lower
1909.	SON	Burma.
1000	AIRD, JAMES ERSKINE	Manager, Deundi Estate, Lalchand
1906.	AIRD, JAMES ERSKINE	P.O., Sylhet, Assam, India.
		(Charlottenberg Estate, Little
1904.	AITKEN, ROBERT REGINALD	London P.O., Westmoreland,
	·	Jamaica.
	0	Loco. Supt., Clogher Valley Rly.
1902.	AKERLIND, GUSTAF FREDRIC	Co., Aughnacloy, R.S.O., Co.
		Tyrone.
1007	ALBANESE, ETTORE SACCO	British Vice - Consul, Castellam-
1907.	ALBANESE, ETTORE SACCO	mare di Stabia, Italy.
1895. G.	ALCOCK, ALFRED EDWIN	91 Oxford Road, Linthorpe,
1900. A.M.	ALOUGE, ALIERED EDWIN	Middlesbrough.
,		(Managing Director, Excelsior
1899.	ALDER, GEORGE FREDERICK	Engineering Co., Stafford Works,
		Stroud, Glos.

Date UI	Election,	
1909.	ALDER, JOHN FREDERICK	(H.M. Dockyard, Calabar, Southern Nigeria.
1908.	ALDRIDGE, THOMAS HENRY UNITE	Municipal Electrical Eng., Electricity Works, Fearon Road, Shanghai, China.
1907.	ALEXANDER, CHARLES WIL-	83 Humphrey St., Old Trafford, Manchester.
1905. 1907.		Mill Dept., Messrs. Fraser & Chalmers, Erith, S.O., Kent.
1907.	ALEXANDER, JOHN FRANCIS	Room 1201, Traders Bank Bldg., Toronto, Canada.
1899.	ALEXANDER, JOSEPH GEORGE	167 Grosvenor Rd., S.W.
1903.	ALEXANDER, WILLIAM	4 Rosenau Crescent, Battersea, S.W.
1904.		1 Queen Mary Avenue, Crosshill, Glasgow.
1903.	ALLBUTT, JONATHAN ENOCH	Reservoir House, Butterley, Derby.
1905.	ALLCOCK, HARRY	22 Albert Road, Hale, Altrincham.
1908.	ALLEN, CHARLES CARROL	Engineering Dept., Technical College, Auckland, N.Z.
1905.	, , , , , , , , , , , , , , , , , , , ,	Old Park Works, Wednesbury.
1902. 1905.	A.M. ALLENSBY, CHARLES REED	Messrs. Benham & Sons, 66 Wig- more St., W.
1904.	ALLISON, THOMAS ERNEST	34 Kingsmead Rd., Tulse Hill Park, S.W.
1905.	ALLSOP, JOHN WILLIAM KID-	Jackson House, Calcutta, India.
1904.	Amor, Charles Thomas	(c/o The Director, Royal Indian Marine, Bombay.
1902.	Amos, Harold Clyde	Glaslyn, Onslow Gardens, Wallington, Surrey.
1900.	Anderson, Athol Lancelot	Admiralty Offices, H.M. Naval Establishment, Rosyth, Fife- shire.
1908.	Anderson, James	Cia. de Tecidos Paulista, P.O. Box 15, Pernambuco, Brazil.
1904.	Anderson, James Keith	Messrs. Urquhart Lindsay & Co., Blackness Foundry, Dundee.
1907.	Anderson, William John	Messrs. Wright, Anderson & Co., 7 Collingwood St., Newcastle-on- Tyne.
1908.	ANDREW, CECIL DANIEL	Niles-Bement-Pond Co., 23-25 Vic- toria St., Westminster, S.W.
1909.	ANDREW, TOM	Grove House, Haddens, Mossley, Manchester.
1898.	Andrews, Frederic Ernest	Chairman, Messrs. Bruce, Peebles & Co., Edinburgh.
1909.	Andrews, Henry Godfrey {	Messrs. Goddard, Massey & Warner, Traffic Street, Nottingham.
1909.	ANDREWS, NEALE	Messrs. J. S. Hall & Co., Midland Iron Works, Newark.
1909.	Anson, John Anchitel	Electric Light Dept., P. W. D., Lagos, West Africa.
1906.	ANTHONY, REGINALD EMERSON	Bromley Motor and Engineering Works, Mason's Hill, Bromley, Kent.
1909.	ARBER, PERCY HERBERT {	54 Woodberry Avenue, Winchmore Hill, N.
		mark and a second

Dusc of Eliceson	Date	of	Election.
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1908.	ARMFIELD, FRANK	{247 Westbourne Grove, Bays- water, W.
1903.	ARMYTAGE, JOHN HAWKSWORTH	Board of Trade, Trafalgar Bldgs., 1 Charing Cross, S.W.
1899.	ARNOLD, ARNOLD ATTWOOD	Mirrlees Watson Co., Scotland St., Glasgow.
1901.	ARNOLD, FREDERICK NATHAN-)	33 Bow Lane, North Finchley, N.
	A DUNDEL EDANG DOGG	
1906.	ARUNDEL, FRANK DREW	10 St. Andrew's Hill, Cambridge. (Messrs. Wm. Weeks & Son, Perse-
1907.	Ashdown, Jabez William	verance Iron Works, Waterside, Maidstone.
1908.	Ashton-Pryke, Charles Frederic	British North Borneo Rly., Jesselton, British N. Borneo.
1902.	ASPIN, JOHN	Messrs. J. and P. Coats, 50 Both- well St., Glasgow.
1001	(ASTON, EDWARD BACKLAND	(19 Dalmeny Avenue, Camden Rd.,
1901.	STUCKEY	(N.
1909.	ATHERTON, ARTHUR	Glen Royd, Burlington Rd., Sher- wood, Nottingham.
1901.	ATHERTON, ERNEST STANLEY	Guildhall Chbrs., Lloyd St., Man- chester.
1904. G.)		(Messrs. W. Heap & Co., 12 Seaton
1909. A.M.	ATKINS, ARTHUR HENRY	Bldgs., 17 Water St., Liverpool.
,		Municipal Technical School, Liver-
1902.	ATKINS, EVAN ARTHUR	pool; and 9 Breckside Park, An-
		field, Liverpool.
1905.	ATKINS, HARRY FREDERICK	Messrs. J. Parkinson & Son, Canal Iron Works, Shipley, Yorks.
1005	American Corner Torons	(Industrial Power Co., Milwaukee,
1905.	ATKINSON, CYBIL JOSEPH	Wis., U.S.
1900. G.)	ATTOCK, FREDERICK WILLIAM	Loco. Dept., Lancs. & Yorks. Rly.,
1901. A.M.		Horwich, Lancs. (South Western Polytechnic, Chel-
1900.	AUGHTIE, HERBERT	sea, S.W.
1903.	AUSTIN, SAMUEL, Jun	81 Kersley St., Oldham.
1903.	AVELING, RALPH CLIFFORD	72 Cannon St., E.C. [5104 Bank.]
1901.	AYERS, FREDERIC GORDON	(c/o Messrs. Ayers & Gall, Weymouth St., Adelaide, S. Australia.
		(mouth St., Adelaide, S. Australia.
1899.	Baber, Samuel Ernest	Springdale, Charlton Rd., Keynsham, Bristol.
1906.	Babington, Eustace Basil	Elm Avenue, Long Eaton, Notting-
20001	and a control of the	(Nolson Ivon Works Great Var
1904.	Back, Walter Herbert	Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth 0178]
1899.	Backhouse, John	6 Merton Grove, Bootle, Liverpool.
1902. G.)	Bacon, Ernest Leslie	(Cleveland Car Co., Grange Rd.,
1908. A.M.)	DACON, LINNEST LIESLIE	Darlington.
1907.	BADGER, JOHN RICHARD	Cupola Works, Rotherham; and Langdale, Rotherham.
1900. G.) 1903. A.M.)	DAGG, HERRI ARTHUR	4 Calthorpe Rd., Banbury.
1904.	BAGSHAWE, BENJAMIN WYATT	Messrs. D. T. Keymeri & Co., 5
1907.	BAILEY, DUNCAN	Mangoe Lane, Calcutta. Westfield, Horbury, Wakefield.
1900.	BAILEY, HARRY DORNING	Albion Works, Salford, Manchester.

1908.		Bain, David Balfour	Sturtevant Engineering Co., 147 Queen Victoria St., E.C.
1907.		Bain, John Anderson	30 Mexborough St., Chapeltown Rd., Leeds.
1903. 1905.	G.)	Baker, Arthur	School of Engineering, Ghizeh, Cairo, Egypt.
1907.	A.Bi.	BAKER, DUDLEY WATKINS	Port Hammond, British Columbia.
1902. 1903.	A.M.}	BAKER, HENRY	5 The Gables, Vale of Health, Hampstead Heath, N.W.
1899.		BAKER, HENRY GOULDTHORPE	Brinsworth Works, Rotherham. [Brinsworth, Rotherham. 89.] (Cleveland and Durham Electric
1903.		Baker, Herbert Henry	Power Ltd., Hintons' Bldgs., Middlesbrough.
1909.		BAKER. JOSEPH SAMUEL	Messrs. Joseph Baker and Sons, Willesden Junction, N.W.
1908.		Baker, Lucius Aveling	Chief Eng., Argentine (South) Development Co., 2 Copthall Bldgs., E.C.
1909.		BAKER, PERCY MONTAGUE	Victoria Institute, Byculla, Bombay, India.
1900.	•	BALDWIN, CHRISTOPHER ED-	Blyth Harbour Commissioners, Blyth.
1902.		BALDWIN-WISEMAN, WILLIAM RALPH, M.Sc	24 Winchester Rd., Southampton.
1902.		BALFOUR, GEORGE	Messrs. J. G. White & Co., 9 Cloak Lane, Queen St., E.C.
1907.		BALFRY, JOHN CHARLES KEL-	Messrs. Willans and Robinson, Victoria Works, Rugby.
1902.		BALL, COMER SANDYS	Monte Rosa, London Rd., St. Leonards-on-Sea.
1899.		BALL, EDMUND BRUCE	Messrs. Samuel McGregor & Co., 5 Canton Rd., Shanghai, China.
1896.		Barba, Alfonso G	Las Palmas, Canary Islands. (c/o W. H. Fowler, 53 New Bailey
1894. 1900.	A.M.)	BARBER, EDWARD WHITLEY	St., Manchester; and Roseleigh, Palatine Rd., Northenden, Man- chester.
1905.		BARBER, GEORGE ALFRED	Royal Laboratory, Royal Arsenal, Woolwich.
1907.		BARFORD, VALENTINE GEORGE	Messrs. J. I. Thornycroft & Co., Basingstoke.
1906.		BARKER, JOHN HENRY	290 Granville Rd., Sheffield.
1903.		BARKER, LAURENCE CHECKLEY	75 Brynland Avenue, Bishopston, Bristol.
1904.		BARNES, ARCHIBALD	Managing Director, Sheffield Motor Co., 61 Cavendish Street, Sheffield.
1907.		BARNES, HENRY	Linden House, Halford St., Thrapston.
1906. 1909.	G.)	Barnes, John Egerton	Hampstead Corpn. Electricity Works, Lithos Rd., Finchley Rd., N.W.
1903.		BARRETT, CHARLES EDGAR	Malabar Spinning & Weaving Co., Kallai, Malabar, India.
1905.		BARRETT, HARRY	Messrs. Greaves, Cotton & Co., Fort, Bombay.
1904.	1	BARRETT, JOHN MATHEW NELSON	Messrs. John Fleming and Co., Delhi, India.

Date of Election	•	
1904. G.) 1906. A.M.)	BARRY, ARTHUR PAUL	Home Place, Limpsfield, S.O., Surrey.
1898.	BARTLE, GEORGE WILLIAM	Albion Brewery, Mile End, E.
1897. G.) 1901. A.M.)	BARTLEY, BRYAN COLE	Jumpers Deep, Rand Mines, Johannesburg, Transvaal: (or c/o Sir George C. T. Bartley, K.C.B., 57 Victoria St., S.W.)
1910.	BARTON, ALLEN	36 Queen Street, Orrell, Wigan.
1896.	Barton, Andrew	Admiralty, 21 Craven St., Strand, W.C.
1902. G.) 1906. A.M.)	BARTON, GEOFFREY BERKLEY	(E. B. State Rly., Saidpur, Bengal, India.
1902.	BARTRAM, HARRY ALFRED	Worthington Pump Co., 153 Queen Victoria St., E.C.
1906.	BASKERVILLE, WILLIAM SHER-	23 St. David's Avenue, Canton, Cardiff.
1905. G.) 1909. A.M.)	BATHE, CECIL DAVID DALRYM-	Chief Electrical Engineer's Office, L. & N. W. Rly., Euston, N.W.
1907.	BAX, HAROLD EDMUND IRON-	Eldon, Weybridge.
1897. G.) 1902. A.M.)	BAXANDALL, RICHARD FITZ-	53 Mount Preston, Leeds.
1908.	BAYLEY, JOHN PARR	39 Queen's Rd., Southport.
1906.	BAYNTUN, ROBERT SOMERVILLE	Mersey Rly., Shore Rd., Birken- head.
1900. G.) 1905. A.M.	Bazin, John Ralph	Loco. Dept., G. N. Rly., Doncaster.
1903. G.\ 1906. A.M.	BEALE, SAMUEL RICHARD	Messrs. L. Sterne & Co., Crown Iron Works, Glasgow.
1905.	BEARD, WILLIAM KEITH	H.M. Inspector of Factories, 51 South John St., Liverpool.
1903.	BEARE, HAROLD HARGREAVES	General Manager, Messrs. Wilson & Co., Welshmill Engineering
1907.	BECHTEL, RICHARD CORNELIUS	Works, Frome. Lilleshall Co., Oakengates, Salop.
1901.	BECK, ALEXANDER EDWARD	115 and 117 Cannon Street, E.C. (2035 Waverley St., Montreal,
1897.	Beck, John	Canada.
1903. G.) 1904. A.M.)	BEECHING, FRANK WILLIAM	53 Wellington Rd., Handsworth, Birmingham.
1906.	BEGBIE, STANLEY STIRLING	Milky Way Mine, Golden Valley, Mashonaland, Rhodesia.
1904.	Begbie, Thomas, Jun	York G. M. Synd., P. O. Box 54, Krugersdorp, Transvaal.
1899.	BEGBIE, WILLIAM	P. O. Box 192, Middelburg, Transvaal.
1902.	BEIRNE, SIDNEY ANGELO	Compañia de San Salvador, Astillero, Provincia de Santander,
1909.	Belford, Charles Story	Spain. (Chief Engineer, Legal Insurance
1904.	Bell, Allan	Co., 231-232 Strand, W.C. Bank Bldgs., 60 Castle St., Liver-
1898. G.)		pool. (Signal Works, Engineers' Dept.,
1902. A.M.	Bell, Frank	Mid. Rly., Derby.
1898.	BELL, WILLIAM	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., E.C.; and 65 North Side, Clapham Common, S.W.

Date of Election.		
1890. G.) 1897. A.M.)	Bell, William Thomas	The Elms, St. Catherine's, Lincoln.
1907.	BELLINGHAM, BENJAMIN	Messrs. J. H. Richards & Co., 41 John Bright St., Birmingham.
1909.	BELSHER, BERNARD JAMES	15 Great Alie Street, Stepney, E. [Avenue 5803.]
1908.	BENCE, EDGAR HENRY	Messrs. Ham, Baker & Co., 13 Grosvenor Rd., Westminster, S.W.
1906.	Benfield, John	Hadfield's Steel Foundry Co., East Hecla Works, Sheffield.
1902.	BENINGTON, EDMOND STRANG-	59 Newsham Drive, Liverpool.
1901.	BENN, WILLIAM WILTSHERE WENTWORTH	Chief Eng., Australasian Chilling and Freezing Co., Aberdeen, New South Wales.
1905.	BENNETT, ALFRED TEMPLE	Retreat Works, Willow Walk, West Green, N.
1909.	BENNETT, DUNCAN	Color P. J. Mitchell, Caxton House, Westminster, S.W. (19-21 Heddon St., Regent St., W.;
1906.	BENNETT, FREDERIC STANLEY	and 55 Acacia Rd., Regent's Park, N.W.
1903.	BENNETT, FREDERICK WILLIAM	London Small Arms Co., Victoria Park Mills, Old Ford, E.
1900. G.) 1903. A.M.	BENNETT, HENRY ARTHUR DILLON	Prudential Bldgs., Mosley St., Newcastle-on-Tyne.
1901.	BENNETT, MARSHALL HANDY-	Corozal, 11 Carlisle Rd., Hove, Brighton.
1901.	BENNETT, PERCY MAYSON	San Juan de Letran, No. 5½, Mexico City, Mexico D. F.
1906.	BENT, WILLIAM	Bank House, Apperley Bridge, Bradford.
1909.	BENTLEY, CUTHBERT WILLIAM	Res. Eng. and Manager, Electricity Works, Central Rd., Cromer.
1903.	Bentley, Percy	Works Manager, Messrs. Jackson Brothers, Leeds.
1900.	Bentley, Thomas Sims	Messrs. C. Churchill & Co., 9-15 Leonard St., Finsbury, E.C.
1907.	BENYON, GEORGE ALFRED	31 Abbey Walk, Halifax.
1907.	BENZIE, JOHN GEDDES	Colombo Commercial Co., Colombo,
1902.	BERKELEY, TYRUS DOUGLAS	Ceylon. Clifton, Ruabon.
1908.	BERNER, CORRÈZE AAGE OSCAR	Telegraph Construction and Maintenance Co., E. Greenwich, S.E.
1905.	BERRY, ARTHUR OSBORNE	Y.M.C.A., Ellison St., Paterson, N.J., U.S.
1902.	BERRY, FREDERICK	Technical School, Bridgman St., Bolton.
1905.	BERRY, FREDERICK LAURENCE	sc/o A. Taylor, 216 Abbeyfield Rd.,
1905.	BERRY, HENRY FRANK	Pitsmoor, Sheffield. 9 Victoria St., Westminster, S.W.
1903.	BERRY, HERBERT	Messrs. Egerton, Hubbard & Co., Petroffsky Mills, St. Petersburg,
1904.	BERRY, ROBERT	Albion Foundry, Swinton, Man-
1898.	BERRY, THOMAS	chester. Cowgate, Dundee. [Steam-
		pump, Dundee.]

		(De Beers Consolidated Mines,
1902.	BERRY, WILLIAM	P.O. Box 44, Kimberley, S. Africa.
1906.	Bettany, John Thomas	Birmingham Small Arms Co., Small Heath, Birmingham.
1902.	BEVAN, IVOR	3 Courthope Villas, Worple Rd., Wimbledon.
1904.	BHARUCHA, FAKIRJEE EDULJEE	2414 East Street, Poona, India.
1896. G.)	BIGGER, COURTENAY	Falmore Hall, Dundalk, Ireland.
1898. A.M.		(Assist. Loco. Supt., G.I.P. Rly.: c/o
1902.	BIGG-WITHER, LIONEL	Messrs. Grindlay Groom & Co., Bombay.
1909.	BILLINTON, LAWSON	Dist. Loco. Supt., L. B. & S. C. Rly., New Cross, S.E.
1902. G.) 1906. A.M.)	BILLINTON, PERCY ROBERT	Lea Hurst, Withdean, Brighton.
1909.	BINNER, JOSEPH WILLIAM ABERDEEN	Chief Eng., Cia de Gas y Electricidad de la Habana, Monte No. 1, Havana, Cuba.
1902.	BINNS, ASA	Resident Eng., London and St.
1909.	BINNS, HERBERT VICTOR	Katharine's Docks, E. Messrs. Cravens Ltd., Sheffield.
1903.	BIRD, FRANK NOEL	Yarloop, Western Australia.
1907.	Programm Duposs	Japanese Explosives Co., Hiratsuka,
20011	DIRRETT, PERCY	Japan.
1900.	BISHOP, CHARLES HERBERT	20 Poole Rd., Egremont, Birkenhead.
1908.	Black, George Leslie	Egyptian Delta Light Rlys., Tantah, Egypt.
1908.	BLACKBURN, ALBERT ARTHUR	Car Works Dept., City Tramways, Sandy Row, Belfast.
1902.	BLAGDEN, ARTHUR HERBERT	Municipal Electricity Works, Shanghai, China.
1909.	BLAIKIE, JAMES NORMAN	Newcastle, Staffordshire.
1905.	BLAKE, ANDREW WILLIAM	66 Wind St., Swansea.
1909.	Blake, Francis Claude	Motor Works, Station Avenue, Kew Gardens, S.O., Surrey.
1904.	BLAKER, ALEXANDER AUBREY	Chusan House, Squires Lane, Finchley, N.
1905.	BLAKER, WILLIAM HERBERT	Engineer's Office, I. of M. Harbour Commissioners, Douglas, Isle of
		Man.
1904.	BLAKEY, JASPER	7 Duke of York St., Wakefield. (Messrs. A. Guinness, Son & Co.,
1899.	BLISSETT, PERCIVAL THOMAS	St. James' Gate Brewery, Dublin.
1904.	BLOYD, FRANCIS GEORGE	Engineer's Office, S.E. & C. Rly., London Bridge, S.E.
1899. G.) 1902. A.M.)	BLYTH, ERNEST BLACKSTONE	Messrs. Charles Nelson & Co., Stockton, Rugby.
1907.	Blyth, Herbert	44 Alton Rd., Tue Brook, Liver-pool.
1907.	Bock, James Kerr	Finsbury Pavement House, Fins-
1903.	Boden, Arthur Lionel	bury Pavement, E.C. 33 Wrottesley Rd., Plumstead.
		(County Eng. and Surveyor's Dept.,
1907.	BOLLAM, WILLIAM CHRIS	Guildhall, Westminster, S.W.
1909.	Bolton, Henry	171 Queen's Rd., Wimbledon, S.W.

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1906.	Bonar, Horatius	Supt. Eng., Bengal Iron & Steel Co., Kulti, E.I.R., India.
1907.	BONAR, JOHN	P.W.D., Balloki, Changa Manga, Lahore, India.
		(National Boiler & General Insur-
1901.	Bond, John Thomas	ance Co., 22 St. Ann's Sq., Man- chester.
1907.	Bonstow, Thomas Lacey	Messrs. J. Aird & Co., Tanjong Pagar Dock Works, Singapore, Straits Settlements.
1906.	Boot, Horace Louis Petit	Genl. Manager, Electric Power Station, Tunbridge Wells.
1901.	Boot, James Noel	Worthington Pumping Engine Co., 153 Queen Victoria St., E.C.
1909.	BOOTH, JULIAN LIVINGSTON	c/o J. R. Hewett, 8 N. Brandywing Ave., Schenectady, New York, U.S.
1900. G.) 1906. A.M.)	Boreham, George Henry	Chelsea Electricity Supply Co., 12 Alpha Place, Flood St., Chelsea, S.W.
1908.	BORNER, OTTO LEO	Diesel Engine Co., 179 Queen Victoria St., E.C.
1900. G.) 1902. A.M.)	BOTT, WALTER STANLEY	Colliers End, Ware.
1907.	BOULTBEE, HENRY ARTHUR	Municipal Technical School, Suffolk St., Birmingham.
1901. G.) 1903. A.M.)	Boulton, John Howard	North British Locomotive Co., 17 Victoria St., Westminster, S.W.
1909.	BOULTON, PERCIVAL RAYMOND	Corpn. Electricity Works, Summer Lane, Birmingham.
1907. 1898.	BOURNE, ERNEST SPENCER BOUTS, THOMAS	60 Greenway Rd., Runcorn. 21 Ritherdon Rd., Balham, S.W.
1902.	Вож, Јони	Ferro Carril del Sud, Dept. de Via y Obras, Buenos Aires, Arg. Rep.
1903.	Bowden, John	Messrs. Mountain & Gibson, Elton Fold Works, Bury, Lancs.
1901. G.) 1905. A.M.)	Bowen, Charles William	13 Hyde Gardens, Eastbourne.
1909.	Bowles, Charles William	Manager, Patiala State Monorail Tramways, Patiala, Punjab, India.
1901. G.) 1907. A.M.	Bowman, Harold Edelsten	Messrs. Stevensons', Canal Foundry, Preston.
1900. G. 1903. A.M.	Box, Wilfrid Leonard	Inglenook, Kinlochleven, Inverness- shire.
1906.	BOXER, Eng. Lieut. ARTHUR CHICHESTER, R.N	c/o Messrs. Woodhead & Co., 44 Charing Cross, S.W.
1902.	BOYD, GUY WESTWOOD	Messrs. Humphreys & Glasgow, 38 Victoria St., Westminster, S.W.
1908.	Воур, Ниен	Supt. Eng., United Alkali Co., Fleetwood, R.S.O., Lancashire.
1900.	BOYD, WILLIAM	Helmsdale, Chester Rd., Hartford, Northwich.
1908.	Bradford, Percy Richard	Messrs. William Bradford & Sons, Carlton Chambers, 12 Regent St., S.W.
1899. G.) 1907. A.M.	Bradley, Cecil Gustay	Engineer and Surveyor, Council Offices, Goole.

1907. 1907.	Bradshaw, John Hilton Pole Brady, Hugh Woodhams	Bordon Camp, Hants. 54 Fleet St., E.C.
1908.	Braun, Henry Charles	Inventors' Engineering Co., 149– 153, 236–238 Pentonville Rd., King's Cross, N.
1910.	BRAYFIELD, THOMAS HENRY GORDON	Messrs. Carmichael and Clarke, 3 Queen's Buildings, Hong Kong, China.
1909.	Brayshaw, Edmund Russell	2 Mulberry St., Hulme, Man- chester.
1907.	Bremner, James, Jun	Hellewell's Buildings, Castle St., Liverpool.
1896.	BREMNER-DAVIS, WILLIAM JOSEPH	Slieve More, Shawfield Park, Bromley, Kent.
1898. G.) 1901. A.M.)	Bressey, Cyril Edward	Loco. Dept., G. C. Rly., Tuxford, Newark.
1908.	Brettell, John Orme	Messrs. McKenzie and Holland, Vulcan Iron Works, Worcester.
1902.	BRIDGE, ARTHUR GEORGE	Messrs. Tomlinson (Rochdale), Soho Works, Rochdale.
1906.	BRIERLEY, HARRY HEATON	Messrs. Watney, Combe & Reid, The Brewery, Mortlake, S.W.
1902.	BRIGGS, ROBERT ALEXANDER	9 Warwick Court, High Holborn, W.C.
1898.	BRINDLEY, HARRY SAMUEL BICKERTON	3 Awoicho Akasaka, Tokyo, Japan.
1894. G.) 1900. A.M.	BRITTEN, THOMAS	Electric Construction Co., Wolver- hampton.
1903. G.	BRITTON, Captain Edwin John	Royal Artillery Mess, Aden.
1905. A.M.	James, A.O.D	(Technical Instructor, F.M.S., Kuala
1904.	BRIXEY, CHARLES EDWARD WILLIAM	Lumpur, Selangor, Fed. Malay States.
1906.	Broadbent, Herbert	Eng. and Manager, Electricity Dept., Perth Gas Co., Perth, W. Australia.
1904. G.) 1909. A.M.	Brockley, Carl Wilton	Chief Mech. Eng., Kelowna Canning Co., Kelowna, British Columbia.
1905.	Brooke, Harry	Engineer's Dept., Rochdale Canal Co., Rochdale.
1906.	BROOKE, JOHN WALTER	Adrian Iron Works, Lowestoft.
1909.	Brooks, Geoffrey	140 West George Street, Glasgow.
1899. G.) 1900. A.M.	Brooks, Harry Gordon	1 Dartmouth Park Rd., Highgate, N.W.
1903. A.M.)	Brooks, John Frederick	Municipal Technical School, Leicester.
1909.	BROUGHALL, GEORGE	55 Iddesleigh Mansions, Caxton St.,
1904.	BROUGHTON, FREEMAN	Westminster, S.W. 19 Pine Grove, Monton Green,
1909.	Brown, Alfred William	Eccles. 6 Royal Avenue, Belfast.
1910.	Brown, Bernard Hardesty	Works Mangr., Bateman's Machine
1901. G.) 1903. A.M.)	Brown, Charles Anderton	Tool Co., Hunslet, Leeds. Springhill, Gladstone Grove, Heaton Moor, Stockport.
1908.	Brown, Clement	Messrs. Brown & Barlow, 16 Loveday St., Birmingham.

Date of Election	4,	
		Messrs. Brown & Ward Ltd., Bran-
1907.	Brown, Edward George	ston Works, Branston St., Birmingham. [Turrets, B'ham. 3831 Central.]
1908.	Brown, Herbert	Engineer's Office, Admiralty Harbour Works, Dover.
1901.	Brown, John Pollock	Messrs. Denny & Co., Dumbarton; and 1 Broomhill Avenue, Partick, Glasgow.
1908.	Brown, Robert Harry	Corporation Gas Works, Birken- head.
1901.	Brown, Tom Edward Bennett	Managing Director, Messrs. Ross, Courtney & Co., 25 Ashbrook Rd., Upper Holloway, N.
1905.	BROWN, WALTER LINDAHL	Somerley, London Rd., Reading.
1906.	Browne, Rolando Harry	Loco. & Carr. Supt., Ferro-Carril de la Union, Cartagena, Spain.
1910.	Browning, George	Works Manager, Glenavon Engine Works, Partick, Glasgow.
1908.	Browning, Robert Holditch	8 St. Mary's St., Bridgnorth.
1907.	BRUCE, ARCHIBALD KAY	St. Ninians, Hatch End, S. O., Middx.
1908.	BRUCE, CHARLES WILLIAM	Res. Eng., Rohilkund and Kumaon Rly., Mailani, U.P., India.
1898. G. 1904. A.M.		Res. Electrical Eng., Willesden Dist. Council, Electricity Office, Salusbury Rd., Kilburn, N.W.
1901.	BUCHANAN, WILLIAM ERNEST	Supt., Simla Water Works, Simla, Punjab.
1904.	Buck, Edward Clarke	Hurlingham, Heathside Lane, Woking.
1905.	Buck, James Henry Edward	Talleres F. C. Oeste, Caballito, Buenos Aires, Arg. Rep.
1908.	BUCKHAM, EDWARD HOWE	Res. Eng., Messrs. Dick, Kerr and Co., Abehurch Yard, Cannon St., E.C.
1908.	BUCKLEY, FRANK	H. H. Nizam's Guaranteed State Rly., Secunderabad, Deccan, India.
1905.	BUCKLEY, PHILIP	Britannia Rd., Morley, Leeds.
1902.	BUCKTON, WILLIAM WOODYER	72 Victoria Street, Westminster, S.W.
1901.	BUDDING, BRICE HENRY, Jun.	146A Portway, West Ham, E.
1905.	Bull, Edward Joseph	Dist. Eng., Chupra, Sarun District, Bengal.
1900.	Bull, Rowland Francis	Hulton Colliery Co., Chequerbent, Bolton.
1900.	BULL, THOMAS PALMER	Furtho House, Stony Stratford.
1902.	BULLMORE, ALFRED WILLIAM ERNEST	Eng., First Garden City, Letchworth, Herts.
1910.	Bullmore, Frederick Charles.	174 Portway, West Ham, E.
1897. G.	BULLOCK BICHARD CROTT.	4 Northumberland Bldgs., Bath.
1901. A.M.	BUNN, CHARLES WILLIAM	Charlemont, West Bromwich.
1908.	BURCH, FREDERICK LEONARD	Grays Urban District Council, Bank Bldgs., High St., Grays.
1908.	BURCHALL, WILLIAM BALLAN-	64 Frances St., Winnipeg, Man., Canada.

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1893.	BURDEN, ALFRED GEORGE	Messrs. Cammell Laird & Co., P.O. Box 665, Johannesburg, Transvaal.
1908.	BURGESS, FREDERICK WILLIAM	Scottish Boiler Insurance and Engine Inspection Co., 7 Brazen- nose St., Manchester.
1906.	BURGESS, GERARD HERBERT	7 Bloomfield Rd., Moseley, Bir-
1909.	BURKE, THOMAS NICHOLAS	mingham. Harbour Office, Belfast.
1907.	BURN, LOUIS	Managing Director, Max Ltd., Terminus Chambers, Holborn Viaduct, E.C.
1903.	BURNAND, AUGUSTUS HENRY	Hartley University College, Southampton.
1890. G.) 1895. A.M.)	BURNE, EDWARD LANCASTER .	14 Victoria St., Westminster, S.W. [Cloacalis, London. 5128 Westminster.]
1904.	BURNETT, WILLIAM RATTERY.	Messrs. C. A. Hutson & Co., Ceylon Engineering Works, Colombo, Ceylon.
1897.	BURNSIDE, BERTRAM W	Loco. Dept., Burma Rlys., Insein, Burma.
1909.	BURR, JAMES WILLIAM	Electricity Works, Factory Lane, Croydon.
1904.	Burrows, George Henry	G.W. Rly. Works, Swindon.
1904.	BURT, JOHN WILLIAM EDWARD	Betsham Villa, Betsham, Graves- end.
1908.	BURT, LESLIE NEWMAN	21 Outer Temple, 222 Strand, W.C.
1899.	Burt, Thomas Ross	Messrs. A. & T. Burt, Dunedin, New Zealand.
1907.	Burton, James Henry	Messrs. S. S. Stott & Co., Laneside Foundry, Haslingden, Manchester.
1907.	BURTON, WALTER FRANK	Chief Eng., Car and General Insurance Corpn., 1 Queen Victoria St., E.C.
1906.	Bury, Ronald Edward	Assist. Supt., Carriage and Wagon Dept., E. I. Rly., Lillooah, Bengal.
1908. 1891. G.)	Bush, Archibald George	Bryn Asaph, Romilly Rd., Cardiff. (British Thomson-Houston Co., 83
1898. A.M.	BUTCHER, WALTER EDWARD	Cannon St., E.C.
1904.	BUTLER, GEORGE HENRY	Docks Engineer's Office, Cumberland Basin, Bristol.
1891. G.) 1896. A.M.	BUTTENSHAW, GEORGE ESK- HOLME	Lynbrook, 120 Wilbraham Rd., Chorlton - cum - Hardy, Man- chester.
1902.	BUTTON, JOHN WILLIAM	Technical College, Huddersfield.
1904.	BUXTON, RICHARD HENRY	23 Durnsford Avenue, Wimbledon Park, S.W.
1905.	Cabena, Richard Hanson	120 Sydenham Rd. N., Croydon.
1907.	Cable, Matthew	Corpn. Tramways, Wellington, New Zealand.
1908.	Cachemaille, Eugene Désiré	Wellington Harbour Board, Wellington, New Zealand.

1910.

_		(Works Manager, Messrs. Palmer
1900.	CALDERWOOD, WILLIAM	& Co., Stratford, E.; and 83 Hampton Rd., Forest Gate, E.
1905.	CALVARD, FRANK	Eildon House, Granville Avenue, West Hartlepool.
1906.	CALVERT, EDWARD	Electricity Works, Finchley, N.
1902. G.)		Messrs. Ramiro Leão & Co., Chiado,
1905. A.M.	Rocha	Lisbon, Portugal.
	(Comment Assessment War	Chatteris Engineering Works Co.,
1908.	CAMPBELL, ALEXANDER WIL-	139-140 Gresham House, Old Broad St., E.C. [Pulsation,
	(LIAM	London. 5898 London Wall.]
1001	(CAMPBELL, ERNEST WATER-	(Dolphin Foundry, Saynor Rd.,
1901.	(HOUSE	Hunslet, Leeds.
1904.	CANNON, REGINALD	P. O. Box 4746, Johannesburg,
2002	Oznation, Louisian III	(Waterweeks Eng Bigglesmade
1908.	CARNE, HENRY	Waterworks Eng., Biggleswade Water Board, Biggleswade.
		General Manager, Compañia In-
1908.	CAROSIO, GIOVANNI	dustrial, Calle Belgrano 432,
	,	Buenos Aires, Arg. Rep.
1904.	(CARR, CHRISTOPHER RALPH) (Life Associate Member)	85 Kirkstall Rd., Leeds.
1000	C II O	Wandsworth and Putney Gas Light
1900.	CARR, HARRY OSWALD	and Coke Co., North St., Wandsworth, S.W.
		Woodland Works, Grove Lane,
1898.	CARR, JAMES JOHN WILLIAM	Smethwick, Birmingham. [Bells,
	,	Smethwick. 2018.]
1903. G.)	CARR-GOMM, MARK CULLING	6 Broad St. Place, E.C. [Naphtalat,
1908. A.M.S		London, 5110 London Wall.]
1906.	CARRINGTON, GEORGE	Messrs. Guest, Keen & Nettlefolds, London Works, nr. Birmingham.
1000	Constant Constant Language	12 Kingswood Rd., Seven Kings,
1900.	CARSTAIRS, GILBERT LANGLOIS	Ilford.
1904. G.) 1910. A.M.	CARTER, ERNEST	Messrs. Joseph Heap & Sons, P.O.
		Box 131, Rangoon, British Burma. Messrs. Blackstone & Co., Rutland
1908.	CARTER, EVERSHED	Engineering Works, Stamford.
1901.	CADMED FOAME	Messrs. Bradbury Brady & Co.,
1001.	CARTER, FRANK	Bombay.
1908.	Canmon Finance	Works Manager, Messrs. Black-
2000.	CARTER, FRANK	stone & Co., Rutland Engineering Works, Stamford.
1906.	CARTER, HAROLD HEBBERT	7 Westcroft Sq., Hammersmith, W.
1908.	CARTER, HAROLD THOMAS	Supt., Water Works, Aish Bagh,
1905.	CARTER, HENRY CHARLES	Lucknow, India. 259 Oxford Rd., Reading.
1904.	CARRED TOTAL ADMITTED	Chief Eng., The New Explosives
2002.	CARTER, JOHN ARTHUR	Co., Stowmarket.
1906.	CARTER, WALTER	Messrs. J. J. Saville & Co., Triumph
1901.	CARTMELL, JOHN MONKHOUSE	Steel Works, Sheffield. 69 Buchanan St., Glasgow.
1907.	CASMEY, WILLIAM HERBERT	(Woodthorpe Cottage, Milnthorpe,
	Casser, Wilmian Likebert	Wakefield.
1905.	CASSON, ROBERT	128 Queen's Road, Urmston, Man- chester.
1904.	CASSON, WILLIAM	Central London Rly., Caxton Rd.,
	Casson, Hilliam	Shepherd's Bush, W.

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1909.	Castle, Frank	Messrs. Cadbury Bros., Bournville, Birmingham.
1894. G.) 1899. A.M.	CATER, JOHN MCILVAINE	27 Clement's Lane, E.C. [Inbrake, London. 5735 Central.]
1900.	CATMUR, THOMAS STUCLEY	The Rookery, London Rd., Bromley, Kent.
1910.	CATON, WILLIAM EAMES	Derby Gas Light and Coke Co., Friar Gate, Derby.
1900,	CAVE, HENRY	Autogenous Welding Equipment Co., 92 Hayden Ave., Springfield,
1903.	CAVE, WILLIAM HENRY	Mass., U.S. Saucel Bank, Paisley.
1904.	CAWTHRA, JAMES HERBERT	Boro' Electrical Eng., Corpn. Elec-
1905, G.) 1906. A.M.)	CHADWICK, GEORGE HERBERT	tricity Works, South Shields. (Birmingham Rly. Carriage & Wagon Co., Smethwick, Birmingham.
1904.	CHADWICK, RICHARD	Supt. of Rolling Stock, Corpn. Tramways, Laird St. Depôt, Birkenhead.
1895.	CHALLENGER, GODFREY RICH-	Messrs. John Jameson & Son, Bow St. Distillery, Dublin.
1902. G.) 1905. A.M.	CHAMBERS, EDWARD HAWARD	Messrs. Bullers, Tipton.
1907.	CHANDLER, FRANK ASHTON	Zwerentzeff, Tver, Russia.
1902.	CHANNON, PHILIP PERCIVAL	Eng., Haywards Heath District Gas Co., Mill Green Rd., Haywards Heath.
		Westminster Electric Supply
1907.	CHAPMAN, EDWIN	Corpn., Davies St. Central Stn., Oxford St., W.
1899.	CHAPMAN, SAMUEL	5 Carr St., Blackfriars St., Manchester.
1907.	CHARLTON, HENRY JOHNSON	Burnage House, Levenshulme, Manchester.
1903.	CHARNOCK, CLEMENT JOSEPH (Life Associate Member)	Fabrique de N. N. Konchine, Serpoukhoff, Moscow Govt., Russia. (Managing Director, Messrs. Vicoul
1904.	CHARNOCK, HARRY HORSFIELD	Morosoff & Sons, Orehovo, near Moscow, Russia.
1905.	CHARNOCK, JOHN AITON	10A Summer Row, Friday Bridge, Birmingham.
1902. G. 1907. A.M.	CHATFIELD, KYRLE RUDSTON	76 Cornwall Gardens, South Kensington, S.W.
1899.	CHEFFINS, HAROLD WILLIAM	Metraro, The Terrace, Greenhithe,
	(Joshua	S.O., Kent. (Works Manager, Messrs. H. J.
1906.	CHEW, LEUIG	West & Co., Saxilby Iron Works, Saxilby, Lincoln.
1903.	CHILD, JOHN	§44 Blythswood Rd., Goodmayes, Ilford.
1904. G.) 1906. A.M.)	CHILD, PERCY DOUGLAS	41 Wye Street, Alvaston, Derby.
1908.	CHISHOLM, JOHN	Eng. and Manager, Airdrie, Coatbridge and District Water Trust, Water Trust Bldgs., Airdrie.
1909.	CHITTENDEN, JOHN FRANKS FREDRIC THOMAS PICTON	Messrs. Willans and Robinson, Victoria Works, Rugby.
1908.	CHIVERS, FRANCIS ERIC	Messrs. Gröndal Kjellin Co., 20 Abchurch Lane, E.C.
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Date of Election		
1903.	CHIVERS, FRANK EVANS	Beberibe Water Works, Pernambuco, Brazil.
1900.	CHORLEY, RICHARD	Technical School, Stockport.
1903.	(CHRISTIANSEN, ADOLPH GOTH-) ABD, Jun	43 Maddox St., Choolai, Madras.
1903.	CHRISTIANSEN, ALBERT GEORGE	Manager, Messrs. Garlick & Co., Jacob's Circle, Bombay.
1904.	CHRISTMAS, EDWIN BOSSWARD	39 Burnt Ash Rd., Lee, S.E.
1900. G.) 1906. A.M.	CHUBB, HARRY EMORY	Managing Director, Messrs. Chubb's Works, Glengall Rd., S.E.
1904. G.) 1906. A.M.)	CHUTE, MERVYN LYDE	Sudbury Farm House, nr. Harrow.
1905.	CLACHER, THOMAS	Messrs. Henry Tate & Sons, Silvertown, E.; and 50 Valentines Rd., Ilford.
1905.	CLAPHAM, FREDERICK THOMAS	41 Summerfield Crescent, Edgbaston, Birmingham.
1906.	CLAPHAM, JOHN PEELE	Auldsteds, Emm Lane, Heaton, Bradford.
1900. G.) 1905. A.M.	CLAPHAM, THOMAS ALBORN	Wellington Foundry, Keighley.
1896.	CLARE, ERNEST	Messrs. Sidney Straker & Squire, Nelson Sq., Blackfriars, S.E.
1904.	CLARET, WILLIAM EDWARD	326 Philip Lane, South Totten- ham, N.
1908.	CLARK, ALBERT BERNARD	Fairoak, 8 Granville Gardens, Ealing Common, W.
1909.	CLARK, ALEXANDER GRAHAM	153 Melrose Avenue, Wimbledon Park, S.W.
1909. 1906.	CLARK, FRANK WILLIAM CLARK, HARRY	24 South St., Greenwich, S.E. 2 Myrtle Rd., Wombwell, Barnsley.
1905.	CLARK, HERBERT ADE	Northern Polytechnic, Holloway Rd., N.
1902. G.) 1903. A.M.	CLARK, HUBERT CHARLES	77 Uttoxeter New Road, Derby.
1894.	CLARK, JAMES LESTER	Riverside Works, Weybridge. [Sea- farer, Weybridge. 16.]
1906.	CLARK, LEONARD KNIGHT	New York Transportation Co., 8th Avenue and 49th St., New York, U.S.
1909.	CLARK, ROBERT	Stirling Boiler Co., 25 Victoria St., Westminster, S.W.
1902. G.) 1906. A.M.)	CLARK, ROBERT GEORGE	127 Kimberley Rd., Roath Park, Cardiff.
1899.	CLARKE, ARTHUR LAVER	Gas Eng., Gas Wks., Maldon, Essex.
1908.	CLARKE, GEORGE EDGAR	Harbour and Dock Engineer, Municipal Bldgs., Boston.
1909.	CLARKE, JAMES THOMAS	3 York Street, Manchester.
1906.	CLARKE, THOMAS	Works Manager, Messrs. Isaac Andrews & Sons, Belfast Mills, Belfast.
1905.	CLARKSON, SYDNEY SAMUEL	4 Whitworth Terrace, Rusholme, Manchester.
1908.	CLARKSON, WILLIAM ALAN	Casilla 812, Valparaiso, Chile.
1895.	CLATWORTHY, WALTER AN-	40 Sanderson Rd., Newcastle-on- Tyne.
1904.	CLAXTON, HAROLD	P.W.D., Khartoum, Sudan, Egypt.
1908.	CLAYDEN, HAROLD WILLIAM	Main Reef Mines, P.O. Box 2, Maraisburg, Transvaal.

Date of Election	•	
1905.	CLAYTON, CHARLES HENRY JAMES	(Board of Agriculture and Fisheries, 3 St. James' Sq., Pall Mall, S.W. (Tranmere Bay Development Co.,
1902.	CLAYTON, MELVILLE GRAHAM	Birkenhead; and Sunnydale, St. George's Rd., Wallasey, Cheshire,
1901.	CLEAVER, WILLIAM	Chief Civil Eng., Port Talbot Rly. and Docks, Port Talbot.
1904.	CLEGG, ROBERT INGHAM	410 Caxton Bldg., Cleveland, Ohio, U.S.
1908.	CLEGHORNE, WILLIAM SHAW HAMILTON	Transvaal University College, Johannesburg, Transvaal.
1892. G.) 1901. A.M.)	THOLOMEW	Stourbridge Water Works, Coalbourne Brook, Stourbridge.
1904.	CLIFF, RICHARD CHARLES	Liverpool and London Chbrs., 62 Pitt St., Sydney, N.S.W.
1901. G.) 1906. A.M.	CLIFF, THOMAS PERCY BARLOW	Casilla 244, Valparaiso, Chile.
1901.	CLIFTON, WILLIAM GEORGE	Messrs. Defries & Sons, 147 Houndsditch, E.C.
1898. G.) 1901. A.M.	CLOSE, HENRY ALWYN	14 Wentworth Terrace, Wakefield.
1905.	COATES, ALBERT FREDERICK	Engineer's Dept., Imperial Tobacco Co., Bristol.
1898.	COBBOLD, ARTHUR WESTHORP	2D Morgan Mansions, Highbury, N.
1906.	COCHRANE, JAMES	Engineer's Office, Docks, Cape Town, Cape Colony.
1909.	COCKBURN, GEORGE WILFRID	Yangtse Engineering Works, Han- kow, China. Viâ Siberia.
1901.	COLBOURNE, THOMAS SALMON	Managing Director, Messrs. John D. Young & Son, Lion Iron Works, Barnstaple.
1905.	Cole, Charles Stuart	4 Sellon's Avenue, Harlesden, N.W. (Messrs. Wm. Bradford & Sons,
1906.	Cole, James Matthew	Carlton Chbrs., 12 Regent St., S.W.
1905.	Cole, William Lawes	Messrs. W. & L. Cole, Lawton Rd., Mile End, E.
1904.	Coleridge, Henry Hill	Erica House, Customs St., Kimberley, S. Africa.
1908.	Coley, Ernest	Messrs. Royce, Ltd., Trafford Park, Manchester. (General Manager, Messrs. Fraser &
1909.	COLLEDGE, ALEXANDER	Chalmers, Singapore, Straits Settlements. (Westminster Electric Supply
1907.	Collingwood, Alfred	Corpn., Eccleston Place, Eccleston St., Belgravia, S.W.
1910.	Collinson, Francis Edward	Locomotive Dept., North Eastern Railway, Tweedmouth, Berwick.
1902.	COLLYER, PERCY NICHOLSON	Messrs. Albright & Wilson, Old- bury, Birmingham.
1909.	Colson, John St. Clair	The Piccadilly Hotel, Regent St., W.
1903.	COLTMAN, WALTER WILLIAM	Central Boiler Wks., Loughborough. [Boilers, Loughborough. 51.]
1896.	COMERFORD, EDWARD	Rathdrum, Co. Wicklow.
1907. 1895. G.)	Condon, Thomas Cecil	Govt. Central Press, Calcutta. Bella Vista 30, Minas de Rio Tinto,
1897. A.M.	CONNELL, WILLIAM PERCIVAL	Huelva, Spain.
1906.	CONRADI, CHARLES GUTHRIE	Loco. Dept., Mid. Rly., Derby.

		General Manager, Messrs. James
1908.	Cook, George Henry	Walker & Co., Lion Works, Gar- ford St., Poplar, E.
1908.	Cook, Herbert Maurice	Cook's Motor Engineering Works, Gladstone Rd., Horsham.
1903. G.) 1906. A.M.	Соок, Јони	Messrs. Brunner, Mond & Co., Northwich.
1903. 1900. G.) 1906. A.M.)	COOKE, FREDERICK WILLIAM COOKE, Eng. Lieut. STANLEY WALTER, R.N	212 Barnsley Rd., Sheffield. H.M.S. "Dreadnought," c/o Post- master General, E.C.
1905.	Cooksley, Alfred	31 Station Rd., Church End, Finchley, N.
1903.	Coombes, Thomas	Manager, Messrs. Harding, Market St., Torquay.
1904.	COOPER, ARTHUR	Messrs. Ransomes, Sims & Jefferies, Orwell Works, Ipswich.
1906.	COOPER, EDWARD STAPLE	L.C.C., County Hall, Spring Gardens, S.W.
1901. G.) 1906. A.M.)	COOPER, GEORGE SETON HAL-	Chief Eng., S. African Breweries, Pietermaritzburg, Natal.
1907.	COOPER, HARRY CLAUDE (COOPER, JOSEPH ALBERT)	P.W.D., Cape Town, Cape Colony.
1905.	WILLIAM	Hyderabad, Scinde, India.
1907.	COOPER, VERNON	Mexican Southern Rly., Puebla, Mexico.
1901.	COOPER, WILLIAM JAMES	British Engine, Boiler and Electrical Insurance Co., 12 King St., Manchester.
1899.	Corrie, John Bradford	4-6 Queen Anne's Chbrs., Tothill St., Westminster, S.W. [Correlate, London. 3400 Gerrard.]
1903.	COSTER, WILLIAM WALLACE	Glencoe, Onslow Gardens, Wallington, Surrey.
1904. G.) 1909. A.M.)	COTESWORTH, CUTHBERT GIL-	Dist. Loco. Supt., Rajputana-Malwa Rly., Fatehgarh, U. P., India.
1902.	COTSWORTH, HALDANE GWILT	Mining and District Technical College, Wigan.
1901. 1902.	COUCH, RICHARD ERNEST COUESLANT, LEOPOLD DANIEL	Finsbury Pavement House, E.C. The Technical College, Sunderland. (Birkbeck College, Bream's Bldgs.)
1902.	Coulson, Horace Ernest	Chancery Lane, E.C.; and 238 Wandsworth Bridge Rd., Fulham, S.W.
1908.	Coulson, Richard Hedley Archer	Sir B. Samuelson & Co., Newport Iron Works, Middlesbrough.
1904.	COULTON, IVOR BERTIE	Fabrica Colon, Entre Rios, Arg. Rep.
1904.	COURTS, WILLIAM CHARLES	The Elgin Mills Co., Cawnpore, India.
1905.	COUTTS, DAVID ALEXANDER	94 Queen's Road, Aberdeen.
1894.	COVENTRY, THEODORE	Gresley Iron Works, Ordsal Lane, Salford, Manchester. [Gresley, Manchester. 564.]
1900. G.) 1903. A.M.)	Cowcher, George	Dudbridge Iron Works, Dudbridge, Stroud, Glos.
1909.	COWELL, RICHARD ARTHUR	British Westinghouse Co., Trafford Park, Manchester.
1905.	COWLRICK, FRANCIS GERMAN	Messrs. Babcock & Wilcox, Apartado 379, Madrid, Spain.

Date of L	accnon.	
1904.	Cox, Kenneth Robert William	British Westinghouse Co., Trafford Park, Manchester.
1902.	G. Cox, LIONEL MAIDSTONE	
1905.	A.M. Russell	(c/o Baron L. Knoop, Machinery
1907.	Cox, Martin	Dept., Ilinsky Vorota, Moscow, Russia.
1905.	CRAVEN, JOHN ERNEST HOLDS- WORTH	Messrs. Easton & Bessemer, Taunton.
1908.	CRAWFORD, JAMES FORRESTER	Richmond Chambers, 145 Bath St., Glasgow.
1900.	CRAWFORD, JOHN FORCER	Washington Foundry, Cherry Lane, Walton, Liverpool. [Ferro, Liverpool. 97 Walton.]
1909.	CREAGH, EDWARD ROBERTS ANDREW	Messrs. Creagh & Orlandi, Port Said, Egypt.
1907.	CREASY, HAROLD THOMAS	Public Works Dept., Colombo, Ceylon.
1904.	CREIGHTON, HENRY	Reynolds Rd., Old Trafford, Man- chester.
1904.	CREW, MALCOLM HILLIER	S.E. & C. Rly., Longhedge Works, Battersea Park, S.W.
1908.	CRIDLAN, JOHN LIONEL	38 Gloucester Gardens, W.
1909.	CRIGGAL, JOHN EDWARD	12 The Avenue, Kew Gardens, Surrey.
1907.	CROASDELL, JAMES FREDERICK	Scotch St., Whitehaven. (Manager, Kalgoorlie Electric Light
1903.	CROCKER, CLAUDE EDWARD	and Power Corpn., Kalgoorlie, W. Australia.
1906.	CROCKER, ERNEST GEORGE	H.M.Naval Establishment, Rosyth, Fife.
1901. 1904. A	G. CROFT, FRANK	Great Northern Works, Leeds Rd., Bradford.
1905.	CROLL, JAMES	15 Wellmeadow, Paisley.
1908.	CROOKES, JAMES HARDIE	Messrs. Crookes, Roberts & Co., Argus Works, Sheffield.
1907.	Crosbie, Alfred	Civil and Military Hotel, Lucknow, India.
1905.	CROSIER, EDWARD JAMES	2 Collingwood St., Newcastle-on- Tyne; and East Boldon, by Newcastle-on-Tyne.
1905.	Cross, Edward	Boro' Electrical Eng., Electricity Works, Rawmarsh Rd., Rother- ham.
1904.	Cross, James William	Grasmere, Angel Rd., Thames Ditton, S.O., Surrey.
1905.	{Cross, Reginald Thomas} GREEN	Khoreel Tea Estate, Cachar, India.
1903. 1904. A	G.) CROSS WILLIAM MARK	(87 Oakfield Rd., Cannon Hill, Birmingham.
1904.	Crossley, John	Managing Director, Messrs. W. & J. Player, Lionel St., Birmingham; and Stanley House, Stanley Rd., Nechells, Birmingham.
1907.	CROSSMAN, JAMES EDDY THISTLETON	Minas de Cobre de Nerva, Valverde del Camino, Huelva, Spain.
1896. 1901. A	G.) CROW LEWIS	c/o H. M. Rogers, 70 Merchant's Exchange, Cardiff; and 5 Clive Crescent, Penarth.

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1903.	CROWTHER, HARRY	Res. Mech. Eng., Water Works, Pembury, Tunbridge Wells. Messrs. A. Goerz & Co., P.O
1902.	CRUDDAS, WILLIAM JOHN	Box 1156, Johannesburg, Transvaal.
1909.	CRUICKSHANK, ANDREW	Central Technical College, Exhibition Road, S.W.
1899. G.) 1900. A.M.)	CRUICKSHANK, GEORGE SEY-	Messrs. Arnhold Karberg & Co., Hong Kong, China.
1904. G.) 1906. A.M.)	CRYER, JAMES WILFRED	41 Kildare St., Farnworth, Bolton.
1909.	Cull, John Ernest Lelliott	Canterbury College, Christchurch, New Zealand.
1908.	CUMMING, WILLIAM MILLIGAN	Messrs. Alfred Herbert, 224 Yama- shita-cho, Yokohama, Japan.
1901. 1899.	CUMMINS, REGINALD ERNEST CUNLIFFE, TOM ARTHUR	54 Leinster Sq., Bayswater, W. 88 Chancery Lane, W.C.
1908.	CUNY, TERENCE	(c/o T. Sharples, 5 Marine Lines, Fort, Bombay.
1908.	CUBRIE, RICHARD SEDGWICK	76 Salusbury Rd., West Kilburn, N.W.
1903.	CURTIS, IVOR, R.N	Harscott, Westcombe Park Rd., Blackheath, S.E.
1895.	CUST, LEOPOLD	Gas Traction Co., 22 Chancery Lane, E.C.; and Broome, Fleet, S.O., Hants.
1907.	CUTHBERT, HAROLD PARKER	Greville, Warwick Rd., Olton, Birmingham.
1908.	CUTTELL, JOHN HUBERT	Works Manager, Patent Victoria Stone Co., Groby, Leicester.
		(Stolle Co., Globy, Leicester.
1902.	DABELL, ALEXANDER FRANK	European Petroleum Co., Baku, S. Russia.
1908.	(DADABHOY, HORMASJEE RAT-)	Cumballa Hill, Bombay.
1905.	DALBY, WILLIAM ERNEST	Loco. Dept., G.N. Rly., Grantham.
1909.	DALE, ROBERT DAVIDSON	Corporation Chambers, 121 Colmore Row, Birmingham.
1904.	DALTON, WILLIAM THOMAS	Corpn. Tramways, Manors, New- castle-on-Tyne.
1904.	DANIEL, WILLIAM HENRY	Messrs. John Fowler & Co., Steam Plough and Loco. Works, Leeds.
1903.	DARBY, ARTHUR ERNEST	Town Hall, Church Row, Bethnal Green, N.E.
1900.	DARKER, ALFRED HENRY	Messrs. J. Stone & Co., Deptford, S.E.
1908.	DARLING, HENRY	Guildhall, Oswestry.
1904.	DAVENPORT, JOHN ALFRED	20 North John St., Liverpool.
1894.	DAVEY, EDWARD ERNEST GEORGE	192 Regent's Park Rd., N.W.
1909.	DAVID, GEORGE CARMICHAEL	43 Albany Terrace, Dundee.
1906.	DAVIDSON, Capt. ALEXANDER ELLIOTT, R.E	War Office, Whitehall, S.W.
	(131111011, 16.11)	(Messrs. Browett, Lindley & Co.,
1898. G. 1901. A.M.	DAVIDSON, JOHN	Patricroft, Manchester; and Westleigh, Devonshire Rd., Pen- dleton, Manchester.
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1909.	Davidson, Robert Ramsay	Oxgang House, Kirkintilloch, Glasgow.
1903.	Davie, James Paterson	Mirrlees Watson Co., Scotland St., Glasgow.
1903. G.) 1907. A.M.	Davies, Cyril Ernest	Messrs. W. H. A. Robertson & Co., Lynton Works, Bedford.
1901.	Davies, Francis Edward	148 Finsbury Pavement House, E.C.; and 51 Tregunter Rd., S. Kensington, S.W.
1904.	DAVIES, WILLIAM DAVID	35 and 36 Wind St., Swansea. [Advance, Swansea. 570.]
1903.	Davis, Charles Richard Stanley	Messrs. Reunert & Lenz, P.O. Box 92, Johannesburg, Transvaal. (Rapidising Engineering Works,
1904.	Davis, Edmund James	Great Eastern Rd., Stratford, E. [Rapidising, London. 1350 East.]
1896.	Davis, Francis Myddleton	The Links, Rusthall Park, Tun- bridge Wells.
1903. G.) 1909. A.M.	DAVIS, FRANK	Locomotoras, Pergamino, F.C.B.A. & R., Argentine Republic.
1899. G.) 1900. A.M.)	Davis, Harry Charles	Molassine Co., Tunnel Avenue, East Greenwich, S.E.
1908.	Davis, Thomas Jessop	St. John's Iron Works, Ennis- corthy.
1907.	Davison, Edward James	Chief Eng., Economical Gas Apparatus Construction Co., 19 Abingdon St., Westminster, S.W.
1909.	Davison, Ernest Gray	Messrs. Talbot & Davison, 60 Park Rd., Bedford.
1901. G.) 1909. A.M.	Davson, Cyril Were	42 Lansdowne Crescent, Notting Hill, W.
1905.	Davson, Simon Silver	The Municipality, Alexandria, Egypt.
1902.	Dawbarn, Reginald Proctor	c/o Señor Don J. A. Villalonga, Administrador General F. C. Gran Oeste Argentino, Mendoza, Arg. Rep.
1906.	DAWE, PHILIP HENRY	Boldrewood, Worple Rd., Wimbledon.
1901.	Dawson, Henry Watson	Parr's Bank Bldgs., 3 York St., Manchester. [Axiom, Manchester. 3984 City.]
1890. A.) 1893. A.M.	Day, Arthur Godfrey	Director of Studies, Science Art and Technical Schools, Guild- hall, Bath.
1899.	DAY, CLAUD ALBERT STAINTON	Messrs. Dick, Kerr & Co., Abchurch Yard, Cannon St., E.C.; and Grosvenor House, Isleworth.
1900. G. 1902. A.M.	DEACON, ROBERT DUGALD	Falconhyrst, Bradford Place, Penarth.
1903.	DEAKIN, GEORGE WELSBY	61 Burnley Rd., Edenfield, Man- chester.
1899. G.) 1901. A.M.	DEAN, GEORGE	Warblington, Havant.
1909.	DEER, GRAHAM GEORGE	Rio Tinto Co., Copper Works, Port Talbot.
1901.	DELACOUR, HARRY MARK	c/o J. M. Dewar, 4 Lloyds Avenue, Fenchurch St., E.C.

Date of I	Clection.	
1905.	DELL, FRANCIS ALBERT	24 Mark Lane, E.C.
1904.	DELUCE, SAMUEL ALFRED NELSON	Genl. Manager, Messrs. W. T. Ellison & Co., Irlams-o'-th'- Height, Manchester.
1901. 1903.	A.M. DENNIS, GEORGE STANLEY	26 Newton Rd., Bayswater, W.
1909.	Denniss, Arthur Workman	{Loco. Running Supt., G.N. Rly. (Ireland), Dundalk.
1904.	Derbyshire, John	Victoria Coal and Coke Co., South- gate House, Wakefield. (British Insulated and Helsby
1906.	DEVEY, ARTHUR CHARLES	Cables, Lennox House, Norfolk St., W.C.
1899.	DE VILLE, MARTIN	Ocean Accident and Guarantee Corpn., 36-44 Moorgate St., E.C.
1907.	DEW, JAMES WALTER HENRY	100 Rusthall Avenue, Chiswick, W.
1904.	DEW, JOSEPH TURNER	St. John's, Antigua, West Indies.
1903.	DEWHIRST, JAMES	Eng. and Surveyor, Chelmsford Rural Dist. Council, Bank Chbrs., Chelmsford.
1903.	DEWS, JAMES WALTER	Munic. Technical College, Bradford.
1901.	DICKINSON, HENRY WINRAM	Victoria and Albert Museum, S. Kensington, S.W.
1901.	DIGBY, WILLIAM POLLARD	28 Victoria St., Westminster, S.W. [666 Victoria.]
1905.	DIMMACK, ARTHUR	Eng., Boro' Electricity Works, Swindon.
1902.	Dixon, John	219 St. Vincent St., Glasgow.
1908.	DIXON, WILLIAM	City Engineer's Office, Municipal
1898.	Dobbs, Herbert Treadwin	Bldgs., Leeds. 14 Dumfries Place, Cardiff.
1904.	Dobson, Benjamin Palin	Kay Street Machine Works, Bolton. [Dobsons, Bolton. 43.]
1899.	Dodridge, Frederick	c/o Eng. Manager's D.O., North Yard, Devonport; and Beechcroft House, Amherst Rd., Plymouth.
1906.	Dommen, Edouard	Manager, Nestlé and Anglo-Swiss Condensed Milk Co., Tutbury, Burton-on-Trent.
1904.	Don, John	Carrick Academy, Maybole.
1902.	Donaldson, James	93 Tressillian Rd., Brockley, S.E.
1906.	Donaldson, James Alexander	Messrs. Babcock & Wilcox, 29 St. Vincent Place, Glasgow.
1898.	Donne, Frederick Edward Mowbray	Loco. Dept., Mid. Rly., Nottingham.
1907.	Donnison, Ernest George	Twycross, Lovelace Rd., Surbiton, Surrey.
1906.	DOBLING, HORACE NORMAN	Fabrica Liebig, Fray Bentos, Uruguay.
1903. 1891. 1895.	G. Douglass, Alfred Edwards	25 and 26 Lime St., E.C. (South Staffs. Water Works, Paradise
1902.	G.) Down Hannes Bonnes	St., Birmingham. 32 Fenchurch St., E.C. [Outcom-
1904.		wall.]
1900. 1902.	A.M. DOWN, PERCY BISSETT	Rees Roturbo Mfg. Co., Wolver- hampton,

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1896.	Dowson, Erasmus Charles	29 Tranby Ave., Toronto, Ont.,
1905.	Dowson, Ernest Alfred	45 Newhall St., Birmingham.
1898.	Dowson, Robert Manning	New Club, Johannesburg, Transvaal. (Works Manager, Messrs. William
1909.	Doxford, Arthur	Doxford & Sons, Pallion Yard, Sunderland.
	(Dayner Henry Wood	Eng. Supt., Lanadron Rubber
1903.	{Drabble, Harold Mont- GOMREY	Estates, Muar, vid Singapore, Straits Settlements.
1900.	Drake, Arthur James	111 Talbot Road, Old Trafford, Manchester.
1906.	DRAKE, ARTHUR PENRHYN	83 Ingram Rd., The Park, Sheffield.
1901.	DRAYCOTT, GEORGE EDWIN	Borough Road Polytechnic, S.E.
1895. G.) 1900. A.M.)	Dresser, Charles	Engineering Standards Committee, 28 Victoria St., S.W.
1908.	Drew, Ernest Henry	Messrs. Burt, Dunedin, New Zealand.
1900.	DREWITT, WILLIAM HENRY	Messrs. J. & P. Coats, Ferguslie Thread Works, Paisley.
1904.	DRINNAN, JOHN	Glen Cairn, Handsworth, Sheffield.
1907.	DRUMMOND, GEORGE RICHARD	Bikanir, Rajputana, India.
1908.	DRURY, HARRY JAMES HUT-	4 Priorton Terrace, Swansea.
1904.	DRURY, HENRY WILLIAM COLLINS	Dist. Loco. Supt., G. E. Rly., Doncaster.
1909.	DRYBURGH, ALEXANDER PHILIP	Messrs. Joshua Buckton & Co., Well House Foundry, Leeds.
1896. G.)	DRYDEN, WILLIAM	Grimshaw Street Foundry, Preston.
1902. A.M.	Data Dalay II III I and a co	
1908.	Du Cane, Charles George	Sir J. Wolfe Barry & Partners, Dartmouth House, 2 Queen Anne's Gate, Westminster, S.W.
1906.	Dudin, John Percy	L.C.C. Electric Power Station, East Greenwich, S.E.
1903. G.) 1909. A.M.)	DUFF, PHILIP JOHN	Bellfield, Peaks Hill, Purley, S.O., Surrey.
1903.	DUKE, REGINALD FRANCIS	Ferry Wharf Works, Littlehamp-
		ton. [Dando, Littlehampton. 6.] (Turner's Motor Manufacturing
1907.	Dumbell, James Burns	Co., Wulfruna Works, Lever St., Green Lane, Wolverhampton.
1908.	DUNKEDBON EDWARD CHARLES	53 Grosvenor Place, Newcastle-on-
	DUNKERTON, ERNEST CHARLES	Tyne.
1904.	Dunn, James	Engineering Dept., Leeds Technical School, Cookridge St., Leeds.
1908.	DURNFORD, THOMAS JOY	Loco. Dept., Great Southern Rail-
1908.	DUTTON, CHARLES HENRY	way, Buenos Aires, Arg. Rep. Fort Prospect, Limerick.
1906.		(Signal Eng., C.S.A. Rlys., Ger-
2000,	DUTTON, FRANK HENRY	miston, Transvaal.
1907.	Duus, John Henry	c/o Thomas Kershaw, 170 Sanno- miya-cho, 1 chome, Kobe, Japan.
1903.	EADEW TOTAL Turn	11 Mansfield Chbrs., St. Ann's Sq.,
	Eades, John, Jun	Manchester.
1901.	Eastlake, Arthur William	ham Hill, S.W.

Date of Election	1.	
1902.	EATON, GEORGE HENRY	18 Broxash Rd., Clapham Common, S.W.
1906.	ECKART, WILLIAM RANKINE, Jun	1125 Ramona St., Palo Alto, Cal., U.S.
1907.	EDGCOMBE, WILLIAM EDWARD	3 Queens Rd., Jamalpur, India.
1903.	Edge, Thomas	Controller's Dept., Room 100, Old Bldg., Admiralty, Whitehall, S.W.
1900.	Edleston, Alfred Edward	Mond Nickel Co., Clydach-on-Tawe, Glamorgan.
1893.	EDMONDSON, ALFRED RICHARD, M.Sc.	The Oaks, Moss Lane, Timperley, Altrincham.
1908.	Ednie, John	Woollen Mills, Cawnpore, India.
1904.	EDWARD, FRANK	32 Lambton Rd., Hornsey Rise, N.
	EDWARDS, JAMES GEORGE	Principal, Municipal Technical School, Portadown.
	BENJAMIN	Mosars Hughes & Language
1906. A.M.)	Edwards, John	Messrs, Hughes & Lancaster, Casilla 448, Concepcion, Chile.
1908.	EDWARDS, JOHN BASIL	(c/o T. J. Edwards, 4 Holland Park, W.
1905.	EGGERS, HERMANN FREDRIC	163 Clarence St., Sydney, N.S.W.
1900.	ELLINGTON, GUY	21 Chichester St., Chester.
1904. G.) 1907. A.M.)		Hydraulic Engineering Co., Chester.
1904.	Elliott, George Henry	Oakhurst, 6 Benson Rd., Forest Hill, S.E.
1905.	ELLIOTT, STANLEY HERBERT	c/o Messrs. Harrington Morrison & Co., Taltal, Chile.
1903.	ELLIS, BERNARD PEMBERTON	Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W.
1907.	ELLIS, HARRY STEPHENSON	Corpn. Electricity Dept., Whitaker Bldgs., Victoria Sq., Bradford.
1904.	Ellis, Jesse, Jun	117 Narbonne Avenue, Clapham Park, S.W.
1905.	ELLISON, WILLIAM THOMAS	172 Bolton Rd., Pendleton, Manchester.
1909.	ELTON, ERNEST FREDERICK	Bombay Steam Navigation Co., 120 Frere Road, Bombay.
1906.	ELTON, SYDNEY GEORGE	Messrs. James Simpson & Co., 10 Clive St., Calcutta.
1899. G.) 1902. A.M.)	EMBLETON, CHARLES ARNOLD	(c/o George Cawley, 25 Victoria St., Westminster, S.W.
1901. G.) 1905. A.M.)	EMERSON, WILLIAM ALEX-	Loco. Dept., G. N. Rly., New England, Peterborough.
1897. G.)	EMERY, JAMES INMAN	Messrs. Emery & Cox, Bideford
1904. A.M.		Motor Works, Bideford.
1905.	Engholm, Alexander Goldie	30 Church St., Birmingham.
1905.	ENGLISH, ROBERT	Eng., Christehurch Gas Co., Christ- church, New Zealand.
1900. G.) 1902. A.M.)		95 Upper Tulse Hill, S.W.
1909.	ERITH, CHARLES	Erith's Engineering Co., 70 Grace- church Street, E.C.
1902.	ERMEN, GEORGE	Wardry Works, 152-156 Chapel St., Salford, Manchester.
1902.	ESPEUT, REGINALD WILLIAM ARMIT	Sierra Leone Rly., West Africa.

Date of Election.	Date	of	Election.
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Date of Election.		
1908.	Essex, Ernest Henry	Town Hall, Leyton, E.
1902.	ETCHELLS, ERNEST FIANDER	Building Act Office, L.C.C., Spring Gardens, S.W.
1897. G.)	ETLINGER, GEORGE ERNEST	(Messrs. John Birch & Co., 3
1903. A.M. § 1900. G.)		London Wall Bldgs., E.C. British Syphon Co., Barnsbury
1907. A.M.)	EUGSTER, OSCAR	Works, Barnsbury St., N.
1906.	Evans, Ernest Alfred	Govt. Rlys., Midland Junction, Western Australia.
1907.	Evans, Frederick Edward	76 Hazelbank Rd., Hither Green, S.E.
1900.	Evans, Griffith Cooper	Palace Chbrs., 9 Bridge Street, West- minster, S.W.
1908.	Evans, James Humphrey	30 Peel Rd., Wembley, S.O., Middlesex.
1905.	Evans, William	Messrs. Harland & Wolff, Engine Works, Belfast.
1901. G.) 1904. A.M.)	EVERETT, GEORGE ELIOT	45 Lansdowne Rd., Bedford.
1909.	EVERITT, HAROLD WILLIAM	Res. Electrical Eng., Urban District Council, Electricity Works, Clacton-on-Sea.
1901.	EVETTS, WILLIAM, Jun	c/o Genl. Manager, Govt. Rlys., Lagos, West Africa.
1909.	EVILL, FREDERICK	51 Moorgate Street, E.C.
1902. 1900. G.)	EXCELL, MAURICE STANLEY	1 Honiton Rd., Kilburn, N.W.
1904. A.M.)	EYERS, CYRIL	E.I. Rly., Jamalpur, Bengal.
		(Hankow Water Works & Electric
1899.	Fairley, Frank	Light Co., Ta Wong, Miao, Han-
-		Light Co., Ta Wong, Miao, Han- kow, China. Eng. and Surveyor, Foots Cray
1899.	FAIRLEY, FRANK FARNHAM, WILLIAM AUGUSTUS	Light Co., Ta Wong, Miao, Han- kow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices,
-		Light Co., Ta Wong, Miao, Han- kow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama,
1904. 1905.	FARNHAM, WILLIAM AUGUSTUS	Light Co., Ta Wong, Miao, Han- kow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sideup, R.S.O., Kent.
1904.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. Woodstock Avenue, Redland, Bristol.
1904. 1905.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY FARQUHAR, ERNEST EDMOND	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno.
1904. 1905. 1907.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair
1904. 1905. 1907. 1907. 1907. 1901. G.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross,
1904. 1905. 1907. 1907.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.]
1904. 1905. 1907. 1907. 1901. G. 1906. A.M. 1895. 1902. G. 1	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager,
1904. 1905. 1907. 1907. 1901. 1906. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,306. 1,30	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES (FARRINGTON, CHARLES FREDERICK FARWELL, GEORGE DOUGLAS FAULKNER, FRANCIS CLAUDE FAWCETT, PERCY WILLIAM FAWKES, RUPERT EDWARD FRANCIS	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager, Govt. Rlys., Atbara, Sudan, Egypt. 26 Sussex Mansions, S. Kensington,
1904. 1905. 1907. 1907. 1907. 1906. A,M. 1895. 1902. G. 1905. A.M. 1906.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES (FARRINGTON, CHARLES FREDERICK FARWELL, GEORGE DOUGLAS FAULKNER, FRANCIS CLAUDE FAWCETT, PERCY WILLIAM FAWKES, RUPERT EDWARD FRANCIS FAWNS, SYDNEY	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager, Govt. Rlys., Atbara, Sudan, Egypt. 26 Sussex Mansions, S. Kensington, S.W. Crawford Munic. Technical Insti-
1904. 1905. 1907. 1907. 1906. A,M. 1895. 1902. G. 1905. A.M.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES (FARRINGTON, CHARLES FREDERICK FARWELL, GEORGE DOUGLAS FAULKNER, FRANCIS CLAUDE FAWCETT, PERCY WILLIAM FAWKES, RUPERT EDWARD FRANCIS	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager, Govt. Rlys., Atbara, Sudan, Egypt. 26 Sussex Mansions, S. Kensington, S.W. Crawford Munic. Technical Institute, Emmett Place, Cork.
1904. 1905. 1907. 1907. 1907. 1906. A,M. 1895. 1902. G. 1905. A.M. 1906.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES (FARRINGTON, CHARLES FREDERICK FARWELL, GEORGE DOUGLAS FAULKNER, FRANCIS CLAUDE FAWCETT, PERCY WILLIAM FAWKES, RUPERT EDWARD FRANCIS FAWNS, SYDNEY	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager, Govt. Rlys., Atbara, Sudan, Egypt. 26 Sussex Mansions, S. Kensington, S.W. Crawford Munic. Technical Institute, Emmett Place, Cork. Munic. Eng. and Surveyor, Town Hall, Willenhall, Wolverhamp
1904. 1905. 1907. 1907. 1907. 1901. G. 1906. A.M. 1895. 1902. G. 1905. A.M. 1906. 1904.	FARNHAM, WILLIAM AUGUSTUS FARNSWORTH, FRANK SMEDLEY (FARQUHAR, ERNEST EDMOND JAMES (FARRINGTON, CHARLES FREDERICK FARWELL, GEORGE DOUGLAS FAULKNER, FRANCIS CLAUDE FAWCETT, PERCY WILLIAM FAWKES, RUPERT EDWARD FRANCIS FAWNS, SYDNEY FEARNLEY, GEORGE WILLIAM	Light Co., Ta Wong, Miao, Hankow, China. Eng. and Surveyor, Foots Cray Urban District Council Offices, Sidcup, R.S.O., Kent. No. 42 Settlement, Yokohama, Japan. 3 Woodstock Avenue, Redland, Bristol. Conway and Colwyn Bay Joint Water Supply Bd., Trinity Sq., Llandudno. Pulteney Motor Garage and Repair Works, Bath. 22 Cockspur St., Charing Cross, S.W. [7883 Gerrard.] Whirlow Brook, Parkhead, Sheffield. Carr. and Wagon Wks. Manager, Govt. Rlys., Atbara, Sudan, Egypt. 26 Sussex Mansions, S. Kensington, S.W. Crawford Munic. Technical Institute, Emmett Place, Cork. Munic. Eng. and Surveyor, Town

Date of Election		
1905.	FERGUSON, RODERICK MORRISON	871 Hollins Rd., Hollinwood, Oldham.
1903.	FERNANDEZ, RAFAEL	Colombres 872, Buenos Aires, Arg. Rep.
1896. G.) 1900. A.M.)	FIEGEREN, EDWARD GEORGE	2 Sandy Lane, Stretford, Man- chester.
1904.	FIELD, ARTHUR JOSIAH	Messrs. Lansard & Co., 216 Goswell Rd., E.C.
1908.	FIBBANK, STANLEY	E. I. Rly., Aligarh, U. P., India.
1909.	FITZGERALD, STANLEY	Sturtevant Engineering Co., 147 Queen Victoria Street, E.C.
1900.	FITZHERBERT, ARTHUR HUGH	26 St. Mary's Grove, Chiswick, W.
1906.	FLEET, ERNEST FRANK	Signal Engineer's Office, N.E. Rly., York.
1895.	FLEISCHER, PAUL	Messrs. A. Guinness, Son & Co., St. James' Gate Brewery, Dublin.
1905.	FLETCHER, AUBREY	The Bungalow, Royal Dockyard, Chatham.
1904. G.) 1908. A.M.)	FLETCHER, DONALD CORBET	Loco. Dept., Great Northern Rly., Retford.
1905.	FLETCHER, FRANK PURSER	H.M. Dockyard, Chatham. (Messrs. Stephen Sellon & Partners,
1908.	FLETCHER, SAVILE RUTTER	36 Victoria Street, Westminster, S.W.
1907.	FLINN, STEPHEN	Sewage Works, Manor Way, Grays, Essex. 2 Ibrahim Bey Wafa's Bldgs.,
1907.	FLOWER, CLEMENT JOHN	Sharia Gama Charkasse, Cairo, Egypt.
1907.	FOLEY, BERTRAM PHILIP	136 Station Rd., Bamber Bridge, Preston.
1909.	FOLK, SAMUEL MARK	152 Broadhurst Gardens, West Hampstead, N.W.
1908.	FORD, HERBERT HENRY	Messrs. Stothert & Pitt, Newark Foundry, Bath.
1908.	FORD-SMITH, PERCY	London Machine Tool Co., Hamilton, Ont., Canada.
1902.	FORGA, ALFRED	Eng. and Manager, Cotton Spinning and Weaving Mill, Arequipa, Peru.
1902.	FORGAN, CHARLES	Power House Supt., Central London Rly., Shepherd's Bush, W.
1901.	FORSTER, ANDREW	Messrs. J. Samuel White & Co., Cowes, Isle of Wight.
1904.	FORSYTH, WILLIAM	Ingenio San Antonio, Chichigalpa, Nicaragua.
1900. G.) 1902. A.M.)	FORWARD, ERNEST ALFRED	The Science Museum, S. Kensington, S.W.
1903. G.) 1905. A.M.)	FOSTER, EDGAR	North Shore Gas Co., North Shore, Sydney, N.S.W.
1895.	FOSTER, EDWARD HORNBY	Black Dike Spinning Mills, Queens- bury, Bradford.
1902. G.) 1904. A.M.)	FOSTER, ROBERT JOHN	Hadfield's Steel Foundry Co., East Hecla Works, Sheffield; and Rotherfield, Oakwood Rd., Moor- gate, Rotherham.
1897. G.) 1902, A.M.)	FOSTER, SYDNEY	Lancs. & Yorks. Rly., Fleetwood, R.S.O., Lancs.

Date of Electio	n.	
1904.	FOTHERGILL, SAMUEL FOTHER-	Manager, Messrs. E. Reader &
1908.	FOWLER, HAROLD	Sons, Cremorne St., Nottingham. Sale Lodge, Sale, Cheshire.
1901.	Fox, Edmund John	Grosvenor House, Clifton Rd.,
1902. G.)	Messrs. Sir Douglas Fox & Part-
1902. G. 1906. A.M.	Fox, Francis Henry Wright	ners, Cross Keys House, 56 Moorgate St., E.C.
1000 0		Messrs. Bryan Corcoran, Back
1893. G. 1899. A.M.	Fox, Frederick Joseph	Church Lane, Whitechapel, E.; and The Gardens, Leigh Hill,
2000, 21,111.	,	Leigh-on-Sea.
1907.	Fox, Samuel Alexander	Messrs. W. Sisson & Co., Quay St. Iron Works, Gloucester.
1904.	FRADLEY, HERBERT THOMAS	Messrs. W. & H. M. Goulding,
		Dublin. (Eng., Gas and Water Dept., Town
1902.	Francis, Adolphus Sydney	Hall, Clacton-on-Sea.
1905. G. 1907. A.M.		Brit. Cotton & Wool Dyers' Assocn., 22 Cumberland St., Manchester.
1902. G.	FRANKAH GEORGE NEHRERG	9 Lancaster Rd., Hampstead, N.W.
1907. A.M. 1898. G.	}	(Dist. Loco. Supt., B.B. & C.I. Rly.,
1902. A.M.	FRASER, WILLIAM STUART	Bandikui, Rajputana, India.
1906.	Frazer, John Peter	Supt. Eng., Messrs. Purdie, Glen, Millar & Co., 55 West Regent
		St., Glasgow.
1909.	Freeman, John Garneys	Res. Engineer, London and St. Katherine's Docks, Wapping, E.
1899.	FREEMAN, WALTER WILLIAM	Grove House, Grove Rd., Fenton, Stoke-on-Trent.
1899.	FRENCH, ARTHUR HOULE	29 Alexandra Park Road, Muswell
		Hill, N. (L. & S.W. Rly., Loco. Works, Nine
1902.	FRENCH, FREDERICK CHARLES	Elms, S.W.
1897.	FRERICHS, JACOB ANDREW	Mech. Engineering Dept., Messrs. H. Eckstein & Co., P.O. Box 149,
20011		Johannesburg, Transvaal.
1907.	FRIEDRICHS, FRIEDRICH WIL-	Berlin, N.W. 87.
1900.	FRIPP, STEUART, Jun	Clifton, Bristol.
1905.	FROGGATT, FREDERICK	Messrs. John Harper & Co., Albion Works, Willenhall, Wolverhamp-
1000		ton.
1906. 1903.	FROST, GARDINER HENRY FROST, HENRY MAURICE	Allanbank, Larbert. (Compagnia l'Union des Gaz,
1900.	·	Officina di Bovisa, Milan, Italy. Messrs. Rowntree & Co., Cocoa
1903.	FRYER, FREDERICK GEORGE	Works, York.
1901. G. 1903. A.M.		Messrs. Humphreys & Glasgow, 38 Victoria St., Westminster, S.W.
1895. G.	FRUER TOM JERRERSON	Celtic Works, Savile St. East,
1901. A.M.)	Sheffield. (EngManager, Harrogate Road Car
1907.	FULLER, ERNEST WILLIAM	Co., Harrogate.
1909.	FULLER, GEORGE EDWIN	(c/o Bank of British West Africa, 17 Leadenhall Street, E.C.
1904.	FURNESS, REGINALD LESTER	Messrs. Fraser & Chalmers, Salis-
20021		bury, Rhodesia.

1900.	GRAHAM	Fernkraal, 112 Muller St., Bellevue, Johannesburg, Transvaal.
1906.	Fyfe, John Walker	Metrop. Asylums Board, Victoria Embankment, E.C.
1904. G 1907. A.M	FYFFE, ANDREW MORTON	Corpn. Gas Works, Dundee.

		Messrs. George Gahagan & Co.,
1902.	Gahagan, Roland Hayes	Byculla, Bombay.
1895. 1899.	A.M. GALE, ROBERT HARRY	38 Scarsdale Villas, Kensington, W.
1895. 1896.	G. Gallé, William Alexandre	Loco. Dept., G. C. Rly., Gorton, Manchester.
1906.	Galley, Frederick George	83 Cambridge Road, Seven Kings, Ilford.
1905.	GAMBLE, GEORGE MARTIN	135 Varna Road, Birmingham.
1909.	GARDINER, GILBERT CHARLES WANKLYN	Supt. Eng., Messrs. Llewellins and James, Castle Green, Bristol.
1908.	GARDNER, ALFRED CHARLES	16 Larkfield Road, Richmond, Surrey.
1896.	GARRETT, EASTON	Calle Peru 321, Buenos Aires, Arg. Rep.
1890.	G. GARRUTT, FRANK, Jun	Leiston Works, Leiston, R.S.O., Suffolk.
1902.	GARRETT, JOHN DUNNELL	108 Buckingham Palace Rd., S.W.
1898.	GARVEY, RICHARD GODFREY HAMILTON	Commonwealth Oil Corpn., Equitable Bldgs., George St., Sydney,
		Motor Dept., Messrs. Duncan &
1909.	Garvie, David	Fraser, Adelaide, S. Australia.
1900.	Gash, Lumley Clifton	Works Manager, Messrs. William Foster & Co., Lincoln.
1901. 1903.	A.M. GASKELL, HOLBBOOK, Jun	Chief Eng.'s Office, United Alkali Co., Widnes.
1907.	GASPAR, GREGORY HUGH WALTER	34 Diamond St., Saltburn-by-the- Sea.
1909.	Gass, Edward Mellor	Locomotive Department, Lancs. & Yorks. Railway, Horwich, Lancs.
1901. 1907.	A.M. GAUVAIN, WILLIAM PERCIVAL	Waihi G. M. Co., Waihi, Paeroa, Auckland, N.Z.
1904.	GAVEY, ARTHUR	Central Offices, Randfontein Estates, Randfontein, Transvaal.
1902.	GEACH, LEWIS CECIL	Loco. Dept., Mid. Rly., Derby.
1905.	GEARING, HARRY CHARLES	Atlas Works, Cape Town, Cape Colony.
1903.	GEEN, HARRY	Brandize, Avenue Road, Torquay.
1908.	GEMMEL, JAMES WARWICK	Georgetown Water Works, Georgetown, Demerara, British Guiana.
1902.	GENTRY, BUCHAN STRATTON	The Belle Isle Company, Ltd., York Road, N.
1900.	GEORGE, JAMES MACNAUGH-	Gourepore Co., Gourepore, Cal- outta.
1902.	George, John William	6 Court Terrace, Burntwood Lane, Tooting, S.W.
1904.	GEORGE, WILLIAM CARLIBLE	English Corn Mills, Warrak el Hadr, Embabeh. Egypt.

Date	of	Election.
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1906.	GEORGE, WILLIAM THOMAS	35 Shardeloes Rd., New Cross, S.E.
1899.	GIBBINS, JOHN ERNEST	Shoreham Saw Works, White Croft, Sheffield.
1909.	GIBBONS, JOHN WILLIAM	Deputy Signal Supt., Egyptian State Railways, Cairo, Egypt.
1903. G.)	•	Canadian Pacific Rly., Montreal,
1907. A.M.	TON	Canada.
1907.	GIBBS, ALECK ROBERT	Admiralty, Avenue House, North- umberland Avenue, W.C.
1904.	GIBSON, EDWARD MARRIOTT	Schlüsselburg Calico Printing Co., Schlüsselburg, Russia.
1900.	GIBSON, GEORGE HENRY	4 Boleyn Rd., Pollokshields, Glasgow.
1907.	GIBSON, WILLIAM	Messrs. Riley, Hargreaves & Co., Singapore, Straits Settlements.
1905.	GILCHRIST, JAMES ARCHIBALD ROBERTSON GLEN	Eng., Tientsin Water Works Co., Tientsin, China.
1907.	GILL, HAROLD	Messrs. Jardine, Matheson & Co.,
20011		Yokohama, Japan.
1910.	GILL, JAMES FRANCIS	Scottish Provident Buildings, 25 Castle Street, Liverpool.
1907.	GILL, JAMES HERBERT WAIN-	Govt. Factory, Colombo, Ceylon.
1908.	GILL, JAMES STEPHENS	15 Park Terrace, Whitby.
1908.	GILL, RICHARD DUNCAN	Cornish Consolidated Tin Mines, Penlu, Tuckingmill, Camborne.
1909.	GIMSON, ARTHUR	4 Hare St., Calcutta, India.
1904. G.)		(Messrs. Gimson & Co. (Leicester),
1909. A.M.	GIMSON, HAROLD	Engine Works, Vulcan Rd., Leicester.
1900.	GINDERS, ERNEST MARSH	101 Osborn Road, Forest Gate, E.
1905.	GIRLING, HARRY MORTON	(Ballocherra Tea Estate, Burkola P.O., Cachar, India.
1904.	GIRLING, HERBERT CHARLES	Messrs. Colegrave & Co., Marlborough Crescent, Newcastle-on-
		Tyne.
1907.	GLASSON, GEORGE	23 Denstone Road, Pendleton, Manchester.
1902.	GLEDHILL, ARTHUR HENRY	Trinity Works, Halifax.
1907.	GLEN, DAVID	Manager, Messrs. Brown & Polson, Paisley.
1907.	GLENDAY, CHARLES	Associated Portland Cement Manufrs., Park House, Gravesend.
		Carr. and Wagon Dept., L. & Y.
1908.	GOBEY, FRANCIS EDWARD	Railway, Newton Heath, Manchester.
1896. G.) 1901. A.M.	GODDARD, WILLIAM HERBERT	Casilla Correo 1047, Buenos Aires, Arg. Rep.
1897. G.)	Conserve House	
1900. A.M.)	Godson, Edward Harold	E. I. Rly., Jamalpur, Bengal.
1896.	Goffe, Edward	P.O. Box 619, Johannesburg, Transvaal.
1902.	GOLDARBEITER, JOSEPH LEONARD	Krähnholm Manufactory, near Narva, Russia.
1902.	GOLDIE, ROBERT MURDOCH	Messrs. Riley, Hargreaves & Co., Singapore, Straits Settlements.
1898.	Golding, Henry Albert	5 Cleveland Park Avenue, Walthamstow, N.E.
		(Manager, 24,23,

Date of Election	ii.	
1902.	GOLLEDGE, WILLIAM THOMAS	Tutbury Engineering Co., Tutbury, Burton-on-Trent.
1904.	GOODACRE, WILLIAM GEOF-	27 Moreton Avenue, Stretford, Manchester.
1898. G. 1904. A.M.	GOODBEHERE, ERIC	Messrs. Brooks and Doxey, Man- chester.
1909.	GOODCHILD, FRANK SIDNEY BOXALL	Messrs. F. B. Goodchild & Co., 19-21 Craven House, Kingsway, W.C.
1908.	GOODCHILD, GEORGE WILLIAM PEPYS	Managing Director, Messrs. Ludw. Loewe & Co., 30-32 Farringdon Rd., E.C.
1906.	Goodeve, Thomas Edward	Loco. Dept., L. & N. W. Rly., Crewe.
1905.	GOODWIN, ROBERT	Morton House, near Alfreton.
1904.	GOODYEAR, WILLIAM	Engineer, Crown & Quarry Cement Works, Rochester.
1903.	Goolding, Edmund	118 Arngask Rd., Catford, S.E.
1902.	GORDON, CHARLES WILLIAM	8 Murray Rd., Ealing, W. (L. C. C. Fire Brigade, Southwark,
1906.	GORDON, ERNEST ARTHUR HAMILTON	S.E.
1907.	GORDON, Eng. Lieut. HENRY	H.M.S. "Perseus," c/o Post-
	HUDSON, R.N	master General, E.C. 81-83 Knightrider St., E.C. [Gor-
1898.	GORDON, JAMES	dolobo, London.]; and 23 St. James' Mansions, West End Lane, W. Hampstead, N.W.
1897.	GORDON, JOHN WILTON	Messrs. John Gordon & Co., Dashwood House, 9 New Broad St., E.C.
1907.	Gore, George Ernest	Messrs. Cochrane & Co., Ormesby Iron Works, Middlesbrough.
1902.	GOTT, JOSEPH BARRACLOUGH	Sandycroft Foundry Co., near Chester.
1902.	Goudie, William John	Engineering Laboratory, University College, Gower St., W.C.
1907.	GOULD, HERBERT THOMAS	[17 Quay Street, Cardiff. [Gasify, Cardiff. 700.]
1897. G. 1901. A.M.	GOULDING, BENJAMIN JOSEPH JOHN	Linotype and Machinery, Ltd., 188 Fleet St., E.C.
1899.	GOULSTONE, ERNEST EDWIN	Supt., Water and Sewage Works, Cawnpore, India.
		British Eng. Boiler & Electrical
1907.	Gow, John Biggart	Insee. Co., 12 King St., Man- chester.
1909.	Gower, Charles Wilkinson	28 Jamaica Road, S.E.
1905.	GOWER, WILLIAM EDWARD	Underfeed Stoker Co., Coventry House, South Pl., Finsbury, E.C.
1907.	GRАНАМ, JAMES	National Boiler & General Insce. Co., 22 St. Ann's Sq., Manchester.
1902.	GRAHAM, JAMES LINDSAY	4 Melford Avenue, Thornton Heath, Surrey.
1905.	GВАНАМ, ТНОМАВ	Messrs. Read, Holliday & Sons, Turnbridge, Huddersfield.
1901.	GRANT, DANIEL JOHN	Messrs. Harland & Wolff, Queen's Island, Belfast.
1907.	GRANT, JOHN EDWARD	Morgan Crucible Co., Battersea Works, S.W.
1896.	GRANT, WILLIAM	Messrs. Workman, Clark & Co., EngineWks., Queen'sRd., Belfast.

Date of Electron		
1909.	GRANT-MORRIS, WILLIAM HARDWICKE	Chief Mech. Eng., Cairo Water Works, Cairo, Egypt.
1904.	GRAVELL, ARTHUR	Nahan Foundry, Nahan, near Um- balla, Punjaub.
1907.	GRAY, JOHN WILLIAM	Loco. Dept., Natal Govt. Rlys., Durban, Natal.
1907.	GREAVES, LOUIS VINCENT	10 Avondale Place, Halifax.
1904.	GREAVES, WILLIAM	69 Cross Hill, Ecclesfield, Sheffield. Chief Engineer, Drainage and
1902.	GREEN, BERNARD JOSEPH	Waterworks, Town Hall, Kidder- minster.
1905.	GREEN, FREDERICK WALTON	Electricity Works, Piers Rd., Handsworth, Birmingham.
1898. G.) 1903. A.M.	GREEN, HARRY HEWLETT	The Admiralty, Whitehall, S.W.
1899.	GREEN, JOHN SINGLETON	Municipal Offices, Haslingden,
1900.	GREENE, FRANK ARNOLD	Manchester. (22 Martin's Lane, E.C. [Three Keys, London. Bank 5827.]; and 7 Alexandra Mansions, West End Lane, N.W.
1906.	GREENHOUGH, EDWARD LAUR-	Chief Loco. Supt., Assam Rly. & Trading Co., Dibrugarh, Assam.
		(Birmingham Metal and Munitions
1906.	GREENWOOD, VLADIMIR ED-	Co., Adderley Rd., Saltley, Birmingham.
1904.	GREGSON, BRYAN PADGETT	c/o Mrs. Gregson, Coldstream, Greenway Lane, Bath.
1904.	GRIFFITHS, EDWARD MEREDITH	1-3 Ludgate Square, Ludgate Hill, E.C. [Hibou, London. 5423 Bank.]
		Messrs. Kynoch, Witton, Birming-
1899. G.) 1902. A.M.)	GRIFFITHS, HAROLD	ham; and Thornbury, Wood- bourne Rd., Edgbaston, Bir- mingham.
1904.	GRIFFITHS, RALPH STANLEY	11 Addison Court Gardens, Kensington, W.
1900.	GRIMLEY, WILLIAM RICHARD	8 Marlborough Rd., Ealing, W.
1903.	GROOM, ISAAC STEPHEN WEST	Loco. Dept., G.N. Rly., The Fall,
		Wakefield. (H. M. Dockyard, Simon's Town,
1905.	GROSE, FRANCIS HOWARD	Cape Colony. (Stoneywood Wood Works, Bucks-
1902.	GROUNDWATER, ALICK GEORGE	burn, Aberdeen.
1895.	GROUNDWATER, SAMUEL	Honam, 16 Burnaby Rd., Bournemouth.
1897.	GROVE, HARRY	Ivy Dene, Pinhoe Rd., Exeter.
1895.	GROVES, MONTAGUE	Nelly Mine, Insiza, Rhodesia, S. Africa.
1903.	GROVES, THOMAS	Batu Gajah, Perak, Federated Malay States.
1903.	Guest, George Nevill	Messrs. Hollings & Guest, Thimble Mill Lane, Aston, Birmingham.
1900. G. 1903. A.M.		Engineering Laboratory, The University, Edinburgh.
1908.	GUPTA, JATINDRA KUMAR DAS	Bengal Tech. Institute, 92 Upper Circular Rd., Calcutta.

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1004	Common III-	Works Manager, Singapore Oil
1904.	GUTCHER, WILLIAM	Mills, Singapore, Straits Settlements.
1908.	GUTHRIE, THOMAS	Messrs. William Little & Sons, 77 & 79 Pitt St., Edinburgh.
1904.	GUYATT, DAVID JOHN	89 Walsall Street, Wednesbury.
1904.	HADEN, CHARLES INGHAM	St. George's Works, Trowbridge. [Haden, Trowbridge. 2.]
1894.	Hadengue, Charles Benjamin	Messrs. Carew & Co., Rosa Sugar Works, Rosa, N.W.P., India.
1899.	HADLEY, WILLIAM PEARCE HOLBROW	Dhendai Tea Co., Borjuli P.O., Assam.
1905.	HADWEN, FREDERICK WALTER	Kebroyd Mills, near Halifax.
1909.	HAIGH, JAMES HAROLD	Loco. Dept., Lancs. & Yorks. Rly., Horwich, Lancs.
1902.	HAILEY, FRANK PERCIVAL	(31 Abinger Rd., Bedford Park, Chiswick, W.
1899. G.) 1902. A.M.)	HALE, HAROLD	Chief Eng., Savoy Hotel, Savoy Court, W.C.
1902. 4.11.)	HALER, PERCY JAMES	The Rosary, Low St., Chingford.
1896.	HALL, BENJAMIN JAMES	41 Castelnau, Barnes, S.W.
1902.	HALL, JOHN EDWARD	9 Kiukiang Rd., Shanghai, China.
1905.	Hamblin, Henry Joel	Chief Eng., Oakhill Brewery Co., Oakhill, Bath.
1005	II Dans None	Messrs. Newton, Chambers & Co.,
1907.	HAMBLY, PERCY NOEL	Thorncliffe, Sheffield.
1903.	Hamilton, Alexander, Jun.	Chief Eng., Bacares Iron Ore Mines, Seron, Almeria, Spain.
1907.	HAMILTON, ARCHIBALD GIL-	Messrs. Evans, Thornton & Co., 349 Bartolomé Mitre, Buenos
2001.	BERT	Aires, Arg. Rep.
1908.	Hamilton, Belton Tattnall	3 The Mall, Church End, Finchley, N.
1902. G.)	Hamilton, Gavin James	Messrs. Wilson, Sons & Co., Per-
1906. A.M.		\ \ \text{nambuco, Brazil.} \ \text{Manager, Central Engine Works,} \
1905.	Hamilton, James Alexander	Singapore, Straits Settlements.
1901.	Hamilton, Thomas Fulton	Carron Iron Works, Carron, R.S.O., Stirlingshire.
1910.	HANDCOCK, REGINALD HENRY	Western Electric Co., North Woolwich, E.
1903.	HANDY, CHARLES EDWARD	Municipal Technical Institute, Portsmouth.
1904.	HANNAH, JAMES CAMERON	Messrs. Crossley Brothers, Guild- hall Rd., Northampton. [36 Y.]
1901.	HANNING, WILLIAM	17 Rue de Maubeuge, Paris.
1903.	Hansom, Oswin	Genl. Manager, Liverpool District Lighting Co., 16 Tithebarn St., Liverpool.
1901. G.) 1904. A.M.)	HARDEN, GEORGE FREDERICK ST. CLAIR	Sandwell, Radlett, S.O., Herts.
1903.	HARDIE, EDWARD PETER	{Law Accident Insurance Society, 215 Strand, W.C.
1905.	HARDMAN, FREDERIC	Allerton, Green Lane, Great Lever,
		Messrs. W. H. Willow & Co., 28
1901.	HARDWICK, EUSTACE JAMES	Southwark St., S.E.; and 111 Fox Lane, Palmer's Green, N.
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Date of	Election.
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1902.	HARDY, JAMES HENRY	Culver Street, Halifax; and 18 Summergate Place, Halifax.
1894.	HARDY, WILLIAM	Messrs. Joseph Fisher & Sons, Newry, Ireland.
1907.	HARGREAVES, WILFRED LAW-	Genl. Manager, Messrs. Arnold Goodwin & Son, Sumner St., Southwark, S.E.
1898.	HARLING, WILLIAM	City of Santos Improvements Co., Caixa 4, Santos, Brazil.
1897.	Harlow, Bernhard Schäffer	Heaton Norris Brass Works, Stock- port.
1906.	HAROLD, Eng. Lieut., HAROLD FRANCIS, R.N.	Royal Naval Barracks, Chatham.
1899. G.) 1903. A.M.)	HARRIS, FRANCIS GRAHAM REYNOLDS	11 Great George St., Westminster, S.W.
1904.	HARRIS, HENRY BURDEN	Eng. to the Croydon Corpn. Tramways, (British Electric Traction Co., Lessees), Croydon.
1898. G.) 1901. A.M.)	HARRIS, HENRY EVANS	Manager, Messrs. Massey & Co., Madras.
1894. 1904.	Harris, Herbert Nelson Harris, Stephen Edward	St. Michael's Foundry, Bridport. Rowsley, Sidcup, S.O., Kent.
1901.	HARRIS, WILLIAM ROBERT	Messrs. Thomas & Green, Soho Paper Mills, Wooburn, Bucks.
	HARRISON, NIGEL SYDNEY	Royal Exchange, Middlesbrough.
1904. A.M.) 1905.	AUGUSTINE	Eng., Water Wks., Hornsea, Hull.
1904.	HART, HERBERT ALFRED	Cardiff Rly. Co.'s Works, Bute Yard, Tyndall St., Cardiff.
1906.	HART, WILLIAM HENRY	1 Amherst Rd., Penny-come-quick, Plymouth.
1906. G.) 1908. A.M.	HART-DAVIS, HUGH VAUGHAN	Clifton and Kersley Coal Co., Clifton, Manchester.
1903.	HARTLEY, HERBERT ANDERSON	Messrs. Reavell & Co., Ranelagh Works, Ipswich.
1905.	HARTLEY, RICHARD FREDERICK	Royal Laboratory, Royal Arsenal, Woolwich.
1907.	HARTLEY, THOMAS WILSON	65 North East St., Massillon, Ohio, U.S.
1905.	HARTNESS, JOHN ANTON	Jones and Lamson Machine Co., Jubilee Bldgs., 97 Queen Victoria St., E.C.
1897.	HARWOOD, ROBERT HENRY	Kelvin Jute Mill, Titaghur, Calcutta.
1901. G.) 1906. A.M.	HASLAM, SIDNEY BERTRAM	Western Mail Chambers, Cardiff, [Thor, Cardiff. 606 P.O.]
1907.	Hasselkus, John William	Messrs. Ross, 3 North Side, Clapham Common, S.W.
1908.	HATFIELD, WILLIAM HERBERT	Manager, Messrs. John Crowley & Co., Meadow Hall Iron Works, Sheffield.
1908.	HATHAWAY, NICHOLAS SHAKE-	Perfecta Works, Chippenham.
1902.	HATHORN, JAMES CHARLES MURBAY	P.O. Box 55, East Rand, Transvaal.
1901.	HATSCHEK, EMIL	Messrs. S. Bornett & Co., 19 St. Dunstan's Hill, E.C.
1902. G. 1906. A.M.	HATTON, ROBERT ANDREW	Messrs. W. T. Henley's Telegraph Works Co., North Woolwich, E.

Date of E	lection.
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1900.	HAUGHTON, GEORGE BAYLY	6 Lombard Court, E.C. [Haugh- not, London.]
1909.	HAVILLAND, GEOFFREY DE	9 Bedford Court Mansions, Bedford Square, W.C.
1896.	Hawes, David Marc Andrew Graham	75 Queen Victoria St., E.C.
1899. G.) 1903. A.M.)	HAWKINS, ELYOT SYDNEY	Genl. Manager, Colne Valley Rly., Halstead.
1903. G.\ 1907. A.M.	HAWKINS, EUSTACE FELLOWES	Société Anonyme Westinghouse, Sévran, Paris.
1902. G.) 1905. A.M.	HAWKINS, JOHN CHARLES	Water Works Engineer, Paignton.
1897.	Hawkins, Thomas Spear	Morro Velho, Villa Nova de Lima, Bicalho, Minas Geraes, Brazil.
1902.	HAWKSLEY, CHARLES WILLIAM	Ranmoor Hill, Hathersage, Sheffield. Messrs. John Spencer & Co., Globe
1900.	HAWKSWORTH, FREDERICK SYDNEY	Tube Works, Wednesbury; and Berkswell Cottage, West Bromwich.
1908.	HAY, ALEXANDER STANLEY	P.O. Box 338, Yokohoma, Japan. Via Siberia.
1901. G.) 1905. A.M.)	HAYES, HERBERT CHARLES	Messrs. Rosser & Russell, Cabinet Chbrs., Basinghall St., Leeds.
1909.	HAYMES, CARLOS	Carlos Pellegrini 1536, Buenos Aires, Arg. Rep.
1909.	HAYTON, CHARLES EDWIN PICKLES	7 Dawlish Road, Chorlton-cum- Hardy, Manchester.
1904.	HAYWARD, JOSEPH WILLIAM	Keldon, St. Mary Church, Torquay.
1900.	HAYWOOD, ARTHUR ROBERT	Loco. Supt., Transandine Railway, Los Andes, Chile.
1908.	HAYWOOD, THOMAS ELI	Messrs. McKenzie & Holland, 58 Victoria St., Westminster, S.W. Genl. Manager, Winchester Water
1904.	HEAD, HENRY COLEMAN	and Gas Co., 19 Staple Garden, Winchester.
1901. G.) 1907. A.M.)	HEAD, WALTER GEORGE	S. Metropolitan Gas Co., 709 Old Kent Road, S.E.
1902. G. 1905. A.M.	HEALD, HARBY	Messrs. Lang Bridge, Paradise Works, Accrington.
1907.	HEAP, WALTER	(359 Lord St., Southport. [Allmann, Southport. 238.]
1896.	HEATH, CHARLES LEWIS ECLAIR	Munic. Tech. School, Park St., Hull.
1904. G.) 1908. A.M.)	HEATHCOTE, EDGAR HORACE	110 Cannon St., E.C.
1900. G.) 1903. A.M.)	HEDLEY, WILLIAM SCOTT	52 Linden Road, Gosforth, New-castle-on-Tyne.
1908.	HEMER, WILLIAM HENRY	Technical Day School, Suffolk St., Birmingham.
1897.	HEMINGWAY, ALFRED	Govt. Rlys., Northam, Western Australia.
1906.	HEMMINGS, HENRY FRANCIS	Messrs. Willans & Robinson, Victoria Works, Rugby.
1902.	HENDERSON, DONALD DOUGLAS	66 Cheapside, E.C. [Inderdaad London. 9187 Central.]
1901.	Henderson, Robert	Castle Chambers, 65 Renfield St., Glasgow.

Date of Election	l.	
1908.	Hendry, Charles Arthur John	Messrs. Martin & Co., 6 and 7 Clive St., Calcutta.
1899.	HEPWORTH-COLLINS, WALTER	Ponsonby Hall, The Drive, Hove,
1903.	Hervey, Charles	Brighton. Grove Cottage, Tonbridge.
1904.	Hesketh, Thomas	Eng. and Manager, Folkestone Electricity Supply Co., Folke-
1909.	HESKETH, WILLIAM ORME	Ivy Cottage, Edenfield, Manchester.
1907. G.)	U-mariner Think	(Schoen Steel Wheel Co., Prudential
1910. A.M.		Buildings, Park Row, Leeds.
1901.	HEWARD, SIDNEY EDGAR	124 Tressillian Rd., Brockley, S.E. (Bowling Boiler Works, Brad-
1905.	HEWITT, ARNOLD ERNEST	ford.
1908.	Hewson, Charles Lysaght Bruce	Govt. Railways, Lagos, West Africa.
1907.	HEY, WALTER	Messrs. Spencer & Co., Melksham.
1900. G.)	T	Wilsley, Burley - in - Wharfedale,
1901. A.M. § 1901. G.)	Julius	Messrs. G. D. Peters & Co., Gotha
1905. A.M.	HIBBERD, FREDERICK CHARLES	Works, Slough.
1908.	HICK, CHARLES	24 Harrissmith Rd., Roath Park,
	(HICKINBOTHAM. WILLIAM	Cardiff. Coolhurst, Holly Park, Crouch
1902.	TRUSSELL	Hill, N.
1900.	HICKS, FREDRICK GEORGE	64 Chester Rd., Erdington, Birmingham.
1906.	Higgins, Charles Francis	Chief Eng., Egyptian Engineering Co., P.O. Box 1400, Cairo, Egypt.
1905.	HIGGINS, EDWARD PANTER	Tyn-y-Rheol, Rooksmoor, Stroud, Glos.
1902.	Higginson, Frank	Eng., Broadstairs Gas Co., Alexandra Rd., Broadstairs.
1900. G.) 1903. A.M.)	Higgs, Arthur Franklin	c/o Robertson Murray, 20 Nassau Rd., Barnes, S.W.
1907.	HIGGS, WILLIAM GEORGE	Messrs. John S. Brown, Oxford St., Swansea.
1899.	HILDAGE, HENRY THOMAS	16 Lily St., Crumpsall, Manchester.
1905.	HILL, ALBERT GEORGE	24 Hiawatha Street, St. Thomas, Ontario, Canada.
1000	II II T	Messrs. Death & Ellwood, Joseph
1903.	HILL, FREDERICK JOHN	St., Leicester. [Dethel, Leicester. 1127.]
1898.	HILL, JOSEPH	1 Lawn Mansions, Gondar Gardens, N.W.
1905.	HILL, THOMAS	226 Mackintosh Place, Cardiff.
1897.	HILL, WALTER CHARLES	6 Westbourne Grove, Bayswater, W.
1900. G.) 1905. A.M.)	HITT. WAT THE DISTRIBUTED IN THE PROPERTY ADDITIONAL PROPERTY AND THE PROP	Messrs. Howarth Erskine, Canton, China.
1905.	HILL-WILLIS, STEPHEN ALEX-	Dist. and Water Eng., Orsett District Council, Grays.
1908.	HILTON, GEORGE MAXWELL BROOKE	United Legal Indemnity Insurance Society, 222-225 Strand, W.C.
1908.	HILTON, NATHAN LEES	Daimler Motor Co. (1904), Coventry.
1905.	HINCHLIFF, HENRY WALTON	Messrs. Holdsworth & Son, Croft Boiler Works, Bradford.
1908.	HINCHLIFF, JAMES ARTHUR	Messrs. McKenzie and Holland, Vulcan Iron Works, Worcester.

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1902.	HINCHLIFFE, GEORGE WILLIAM	Sewage Works, Knostrop, Leeds.
		Oorgaum, Mysore State, South
1902.	HINCES, JOHN MURRAY	India.
1905.	HINDLE, ROBERT SIDNEY	2 River View Rd., Chiswick, W. (Oficina del Ingeniero Sanitario, H.
1905.	HIRD, RICHARD THOMAS	Concejo Provincial del Callao, Peru.
1907.	HIRTZEL, CLEMENT HENRY ARMITAGE	Public Works Dept., East Africa Protectorate, Mombasa.
1902.	HISLOP, DAVID BLAIKIE	Messrs. John Blaikie & Sons, Aberdeen.
1901.	(HISLOP, GEORGE ROBERTSON,)	
	Jun	60 Paddington Street, W.
1907. 1895.	HITCHEN, JOSEPH HENRY HOCKLEY, NORMAN JULIUS	23 Bath Rd., Buxton.
1906.	Hodge, John	(Morro Velho, Villa Nova de Lima,
1000.	1100002,001111	Estado de Minas, Brazil. (Works Manager, Messrs. Legros
1908.	Hodges, Herbert Furmedge	and Knowles, Cumberland Park, Willesden Junction, N.W. Genl. Manager, New Vaal River
1906.	HODGETTS, GEORGE WILLIAM	Diamond and Exploration Co., Sydney, viâ Delpoorts Hope, Cape Colony.
1896. G.) 1900. A.M.	Hodgson, George Henry	P.O. Box 616, Sydney, N.S.W.
1908. A.M.)	Hodgson, Harry Leonard	Horley Motor & Engineering Co., Balcombe Rd., Horley, Surrey.
1909.	Hodgson, Herbert	Messrs. John Fowler & Co., Steam
		Plough and Loco. Works, Leeds. 44 Westwood Rd., Porter Glen,
1898.	Hodgson, Richard Broom	Sheffield.
	Hodgson-Stevens, Antonio	Drainage and Water Works, Con-
1907. A.M. 5	RODOVALHO HODSDON, GEORGE CHARLES	description, Chile. Messrs. J. and E. Hall, Dartford.
		155 Victoria St., Westminster,
1903.	Hodson, Frank Herbert	S.W.
1903.	Hodson, Horace Malcolm	The Bryan Donkin Co., Parliament Mansions, Victoria St., S.W.
1906.	Hoff, Edward Joseph	Gas Works, Newmarket Road, Cambridge.
1907.	Hogarth, William John	G.W. Rly., Swindon.
1901.	Hogg, John Thallon	Loco. Dept., Govt. Rlys., Durban, Natal.
1901.	Holbrow, Charles Anthony	Messrs. C. A. Parsons & Co., Milburn House, Newcastle-on-Tyne.
1907.	HOLDEN, CHRISTOPHER	Cochrane, Ontario, Canada.
1902.	HOLDEN, EUSTACE CHARLES	Bradshaw, Bolton.
1902. G.) 1905. A.M.	HOLDEN, PERCY	93 High St., Eton, Windsor.
1906. A.SI.)	HOLDSWORTH, WALTER	Fordhouses, Wolverhampton.
1908.	HOLL, WILLIAM ESPLIN	Messrs. Marshall, Sons & Co., Bombay.
1902.	HOLLAND, BERNARD AUGUSTUS	The Lilleshall Co., Engineering Dept., Oakengates, Salop.
1906.	HOLLAND, HENRY NORMAN	Resident Eng., S. Wales Electrical Power Distribution Co., Gene- rating Station, Treforest, Ponty- pridd.
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1905.	Holland, Louis Carl	134 Edensor Terrace, Coalshaw Green Rd., Hollinwood, Oldham.
1905.	HOLLIDAY, CHARLES EDWARD	Messrs. Hans Renold, Progress Works, 3 Brook St., Manchester.
1907.	Holloway, John	Messrs. James Howden & Co., Scotland St., Glasgow.
1904.	Hollows, Arthur	Messrs. Brunner, Mond & Co., Northwich.
1899.	HOLMES, HARRY	Steynton, Courtney Rd., Croydon.
1908.	HOLMES, ROBERT BLAKE WORSLEY	Assist. Loco. Supt., Government Rly., Lagos, West Africa. Works Manager, Messrs. Rudge-
1898.	Holroyd, Victor Avison	Whitworth, Coventry; and Royd Lodge, Earlsdon, Coventry.
1905.	Holroyde, George Ernest	Pyrmont, Refinery, Sydney, New South Wales.
1906.	HOLT, ROBERT BICKERSTAFFE	Permanent Way Engineer's Office, Sovereign St., Leeds.
1908.	Homan, Brees van	Messrs. Homan & Rodgers, 17 Gracechurch St., E.C.
1906.	HOPKINS, EDMUND CHARLES	148-154 St. John St., Clerkenwell, E.C. [Seamanlike, London. 1093 Holborn.]
1906.	Hopkins, George Arthur	148-154 St. John St., Clerkenwell, E.C. [Seamanlike, London. 1093 Holborn.]
1906.	HORNE, ALEXANDER ROBERT, B.Sc.	Heriot-Watt College, Edinburgh.
1895. 1899.	HORNER, JOSEPH GREGORY HORSNAILL, WILLIAM OWEN	45 Sydney Bldgs., Bath. 4 Tavern St., Ipswich.
1901. G.) 1906. A.M.)	HOPENELL THOMAS	192 Kenilworth Court Mansions, Putney, S.W.
1903.	HORTON, LEONARD WILSON	Alma Works, Darlaston, Wednesbury.
1906.	Hosegood, Tom Presant	60 Egerton Rd., Bishopston, Bristol.
1909.	HOUGHTON, WILLIAM HULME	Res. Mech. Eng., Lancashire County Asylum, Winwick, Warrington. (Signang, Bros. Dynama, Works)
1903.	Hoult, Wilfred	Siemens Bros. Dynamo Works, Ltd., 196 Deansgate, Manchester.
1907.	{Hounsfield, Leslie Hay- wood}	65A Old Town, Clapham, S.W.
1907.	HOUSMAN, ROBERT FLETCHER ASTON	Manager, Messrs. Gillett and Johnston, Turret and Clock Factory and Bell Foundry, Croydon.
1904.	Houston, Percival Turner	Coronation House, 4 Lloyds Avenue, E.C. [Hougalen, London. 11396 Central.]
1904.	Howard, Henley Lionel	Eng., Dist. Council Electricity Supply and Tramways, East St., Barking.
1902. G.) 1904. A.M.)	Howell, Thomas Braith- waite	\$26 Albert Rd., Whalley Range, Manchester.
1906.	Howie, Malcolm	2 Chandos Rd. South, Chorlton- cum-Hardy, Manchester.
1902.	HOYTE, PERCY SIDDONS	Manager, Plymouth and Stone- house Gas Light and Coke Co., Coxside, Plymouth.
1905.	HUDLASS, FELIX WILLIAM ISHERWOOD ,, ,,	

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Date of Biccion.		
1907.	Hudson, Cuthbert Bankes	1 Pickwick Rd., West Dulwich, S.E. Wolseley Sheep Shearing Machine
1903.	Hudson, Ernest Victor	Co., Wolseley Works, Witton, Birmingham.
1902.	(HUDSON, GERARD (Life Associate Member)	Koffyfontein Mines, Koffyfontein, O.R.C., South Africa.
1909.	HUFFAM, WILLIAM TYERS CHRISTOPHER	Messrs. Babcock & Wilcox, 10 Clive Street, Calcutta.
1903. G.)	HUGHES, ARTHUR MUMFORD	Tilbury Contracting and Dredging
1905. A.M.	(Hughes, Francis Edward)	Co., 74 Great Tower St., E.C.
1899.	HAROLD	5 Budge Row, Cannon St., E.C.
1909.	HULL, AMBROSE HARTLEY	Power Station, Katary, Nilgiris, Madras.
1896. G. 1904. A.M.	Humphrey, Frederick George	Messrs. George Humphrey & Co., 166 High St., Sevenoaks. (Messrs. Evans Thornton & Co., 349)
1907.	HUMPHREYS, HENRY HERBERT	Calle B. Mitre, Buenos Aires, Arg. Rep.
1905.	Humphries, Albert	Royal Laboratory, Royal Arsenal, Woolwich.
1905.	HUNT, DAVID NOËL	22 Craven St., Strand, W.C.
1904.	HUNT, EDWARD	Dist. Loco. Supt., E. Bengal State Rly., Dacca, India.
1902.	HUNT, FRANK	Atlas Works, Earls Colne, R.S.O., Essex.
1906.	HUNTER, CHARLES FREDERICK	9 Bellevue Rd., Sunderland.
1902.	HUNTER, EDGAR LAFAYETTE	124 & 25 Leadenhall House, 101 Leadenhall St., E.C.
1901. G.) 1903. A.M.)	HUNTER, JOHN CHALMERS	Carriage and Wagon Supt., N.W. Rly., Lahore, India.
1905.	HUNTER, JOHN WILLIAM	141 Lancaster Road, South Hamp- stead, N.W.
1908.	HUNTER, JOSEPH MOORE	Motherwell Bridge Co., 82 Victoria St., Westminster, S.W.
1900. G.) 1905. A.M.)	HUNTON, WILLIAM	St. Cuthbert's, Bath.
1906.	HURD, MILNER	Laud Chbrs., Reading. [728.]
1903.	HURST, BERTRAM LAWRANCE	Craig's Court House, Charing Cross, S.W.
1908.	HURST, CHARLES BENJAMIN	Chambers Motors, Cuba St. Motor Works, Belfast.
1901. G.) 1906. A.M.	HURST, JOSEPH HENRY	Lyndene, Clifton Road, Rugby.
1902.	HURSTHOUSE, ERNEST WIL-	Clermont, Wellington, N.Z.
1907.	HURT, EDWARD NORMAN	Loco. Dept., Lancs. & Yorks. Rly.,
1901. G.)	HUSSEY, FREDERICK KINNEER	Sandhills, Liverpool. Trelawney, Leckhampton Rd.
1904. A.M.	EYRE	Cheltenham. Ordnance College, R.M. Repository,
1908.	HUTCHINS, FREDERICK HENRY	Woolwich.
1906.	HUTCHINSON, ARTHUR JAMES	Farnworth Electricity Works, Albert Rd., Farnworth, R.S.O., Lancs.
1899. G. 1905. A.M.	HUTCHISON, PERCY	Messrs. Babcock & Wilcox, Oriel House, Farringdon St., E.C.
1908.	HUTTON, CHARLES INGLIS	Assist. Loco. Supt., Burma Rlys. Co., Insein, Burma.

Date	of	Election	
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Date of Election.	•	
1902.	Hyde, George	Laurel Mount, West Park, St. Helens, Lancs. Messrs. R. Waygood & Co., Falmouth Rd., Great Dover St., S.E.
1908.	HYNE, HARRY	Messrs. R. Waygood & Co., Fal- mouth Rd., Great Dover St., S.E.
1908.	ILIFFE, REGINALD JOSEPH	21 Oakdale Rd., Mossley Hill, Liverpool. Chief Eng., Prudential Assoc. Co., Holborn Bars, E.C.; and Bram-
1905.	INCE, ROBERT SELF	Holborn Bars, E.C.; and Bramber, Ramuz Drive, Westeliff-on-Sea.
1902.	INDER, CLARENCE JOHN	66 Cheapside, E.C. [Inderdaad,
1900. G.)	INGATE, GEORGE JAMES	London. 9187 Central.] (Labuan Coalfields Co., Labuan,
1904. A.M.		British North Borneo. (Messrs. Samuel Williams & Sons,
1903.	INGLE, HERBERT EDWARD	Dagenham Docks, Essex.
1898.	Inglis, William Rowland Hugh	Brooklands, Eastcote, Pinner, S.O., Middlesex.
1906.	INGRAM, ANTHONY HOWARD	Uskside Engineering Works, Newport, Mon.
1907.	INKSON, NORMAN LEOPOLD	Assist. Loco. Supt., E. I. Rly., Jamalpur, India.
1903.	Innes, Augustus Montague	Station Iron Works, Hitchin. [Innes, Hitchin.]
1894. G.)	I RONSIIII. VVIIIIIANI AIIIAN	Messrs. Bird & Co., Calcutta, India.
1897. A.M.) 1906.	ISAAC, GWILYM BERTRAM	Old Foundry, Carmarthen.
1896.	Issigonis, George Demos	The D. Issigonis Works, Smyrna, Turkey in Asia.
1900.	Ito, Kumezo	Mitsu Bishi Dockyard and Engine Works, Nagasaki, Japan.
1909.	IZAT, JAMES HAMILTON	Bengal-Nagpur Rly., Padrigung, vid Gondia, India.
1904.	JACK, JAMES HADDOW	Hadfield's Steel Foundry Co., East Hecla Works, Sheffield.
1898.	Jackson, Ernest	188 Cornwall Rd., S. Tottenham,
	•	N. (Supt. Eng., Newcastle-on-Tyne
1909.	Jackson, John William	Electric Supply Co., Philadelphia Power Stn., Fence Houses, Co.
		Durham. (Messrs. Schäffer & Budenberg,
1898.	Jackson, Robert Hiram	Whitworth St., London Rd., Manchester; and Brocton, Caven- dish Rd., Kersal, Manchester.
1905.	Jackson, Robert Montrésor	(c/o F. H. Bagge, 121 San Martin, Buenos Aires, Arg. Rep.
1898.	JAMES, HENRY HAUGHTON RHODES	57 London Rd Inquich
1907.	JAMES, WILLIAM LEWIS	Merrymead, Warrington Rd., Har-
		\ row.

		(Winchester House, Victoria Sq.,
1902.	James-Carrington, Henry	Birmingham; and Hollies, Poplar Avenue, Edgbaston, Birmingham.
1902.	JAMESON, WILLIAM HOPE	Langham Lea, Bowdon, Altrin-
1002.	MASTERTON	Messrs. C. C. Wakefield & Co., 5
1908.	JANSON, ROWLAND	Rue Jean Baptiste Dumas,
	,	Paris.
1902.	JAYAWARDENA, THEODORE GOD-	Govt. Factory, Colombo, Ceylon.
1903.	JEFF, WILLIAM	34 Pier Rd., Rosherville, Gravesend.
1901.	(JEFFREYS, RICHARD RICE VESEY	P.O. Box 105, Bulawayo, Rhodesia, S. Africa.
1893.	JENKIN, CHARLES JAMES	Eng. and Surveyor, Urban District Council, Finchley, N.
1901.	G. JENKINS, EDGAR JACKSON	Manager, Masborough Boiler
1905.	A.M.) JENKINS, EDGAR JACKSON	Works, Rotherham.
1903.	JEWSON, HERBERT	Works Manager, Messrs. Hobbies, Dereham.
		(Messrs. Head, Wrightson & Co.,
1906.	Job, Norris Henry	Teesdale Iron Works, Thornaby-
		on-Tees. (Victoria Buildings, Stockton-on-
1906.	Johnson, Alfred	Tees.
1907.	JOHNSON, BURDETT ROBERT	105 London Rd., King's Lynn.
1904.	JOHNSON, EDWARD	Herdeiros Bowman, Ltd., Caixa 57,
1908.	JOHNSON, FRANCIS WILLIAM	Pernambuco, Brazil. (Lyme Villa, Cherry Hinton, Cam-
		bridge.
1902.	Johnson, Frederick Augus-	Castleton Foundry and Engineer-
	(TUS	ing Works, Armley Rd., Leeds. (Manager and Eng., Piplagool
1908.	JOHNSON, FREDERICK SAMUEL LOVICK	Estate, Chandkhira P.O., Sylhet,
	(DOVICE	Assam, India.
1897.	Johnson, George	P.O. Box 224, Bulawayo, Rhodesia, S. Africa.
1906.	Johnson, Henry	Wheatlands Grove, Harrogate.
1896. 1903.	G. JOHNSON, HENRY HOWARD	Village Deep, Ltd., P.O. Box 1145,
		Johannesburg, Transvaal. Assist. Loco. Supt., Burma Rlys.,
1908.	Johnson, James	Rangoon, Burma.
1906.	JOHNSON, PERCY STUART	Brades Steel Works, near Bir- mingham.
1902.	Johnson, Philip Henry	Messrs. John Fowler & Co., Canada
	G >	Building, Bombay.
1894. 1898.	G. JOHNSON, WALTER WROE	Castleton Foundry and Engineering Works, Armley Rd., Leeds.
1904.	Johnston, George Washing- ton Pirrie	(110 Cannon St., E.C. [Slapjack, London. 8024 Bank.]
1902.	JOHNSTON, LEONARD	Genl. Manager, Light Rlys. Dept.,
1002.	/2	Bristol Rd., Gloucester.
1903.	HUBERT	Ellesmere, Gregory's Rd., Colombo, Ceylon.
1903.	JONES, CHARLES	Chief Electrical Eng., Metropolitan Rly., Power Stn., Neasden, N.W.
1909.	Jones, Charles Harold	Works Manager, Peebles Motor Co., Eastgate, Peebles.
1900.	JONES, FRANK HARDING	142 Palace Chbrs., 9 Bridge St., Westminster, S.W.

Date of Election	•	
1906.	Jones, Frederick	Melrose Abbey Steamship Co., 117 Connaught Rd., Cardiff.
1907.	Jones, Frederick George	Camborne House, Wells Rd., Totterdown, Bristol.
1906.	JONES, GEORGE ROBERT WILLIAMSON	Eng. and Manager, Empreza do Gaz, Pernambuco, Brazil.
1907.	JONES, JOHN WALLACE LIVING- STONE	Baltic Chambers, 50 Wellington St., Glasgow. [King's Court, Colmore Row, Bir-
1902.	Jones, Laurence Alban	mingham. [Tamar, Birming-ham.]
1901.	Jones, Samuel Dawson	26 Besley Rd., Redditch.
1904.	Jones, Samuel Derwen	Oakenroyde, Carlinghow Hill, Batley.
1900.	Jones, Stanley Hunter	Commercial Gas Works, Stepney, E.
1906.	Jones, Stanley Peters	Supt., Liverpool Hydraulic Power Co., 123 Athol St., Liverpool.
1902.	Jones, Thomas Morris	3 Hayes Road, Bromley, Kent.
1901.	Jones, William Edwin	157 Ravenslea Rd., Balham, S.W.
1905. G.)	JOPLING, ARTHUR	10 Westmorland Bldgs., Alders-
1906. A.M. § 1904.	JORDAN, ALBERT EDWARD	gate St., E.C. c/o Postmaster, Calcutta, India.
1907.	Toppus Cara Warrana	Marlborough House, Marlborough
4000 01		Rd., Roath, Cardiff.
1900. G.) 1903. A.M.	Josselyn, Edward	Messrs. A. Ransome & Co., Stanley Works, Newark.
1902.	JUKES, JOSEPH WILLIAM	Messrs. Geo. Bray & Co., Leeds.
1909.	Jures, William John	United Legal Indemnity Insurance Society, 3 Cross St., Manchester.
400=		(Mizuru Naval Arsenal, Mizuru,
1907.	Kato, Shikanosuke	Japan.
1904.	KAY, BRUNEL	Broken Hill Chbrs., 31 Queen St., Melbourne, Victoria.
1903.	KAY, ERNEST EDWARD	Messrs. William Douglas & Sons, Douglas Wharf, Putney, S.W.
1902.	KEABLE, ALFRED HENRY	Messrs. Pickfords, 57 Gresham St., E.C.
1901.	Keast, James Champion	Camborne Mining School, Camborne.
1905.	KEEVILL, ROBERT GRAHAM	Admiralty, Avenue House, North- umberland Avenue, W.C.
1909.	KELLAR, JAMES DODDS BALLAN- TYNE	Govt. Marine Surveyor's Office, Singapore, Straits Settlements.
1907.	KELLY, THOMAS DANIEL	Manager, Dustroy Ltd., 12–13 Henrietta St., W.C.
1908.	KEMP, ALFRED VINCENT	c/o H. J. Ibbotson, 22 Yamashita Cho, Yokohama, Japan.
1905.	KEMP, HERBERT JOHN	1 Theobald Rd., Cardiff.
1899.	KEMPT, ALFRED RODNEY, R.N.	13 Downs Rd., Clapton, N.E. (Langla Tea Co., Langla P.O., S.
1905.	KENNEDY, JAMES ALEXANDER	Sylhet, India.
190~.	KENNEDY, WILLIAM	Messrs. Howarth Erskine, Singapore, Straits Settlements.
1898. G.	NENRICK ARCHIBALD Jun	149 Fountain Rd., Edgbaston, Bir-
1901. A.M.	,	mingham.

	(Resident Eng., San Salvador Rly.
1899.	KENSINGTON, JOHN CHARLTON	and Works, Astillero, Provincia de Santander, Spain.
1902.	Kentish, Hubert	Messrs. H. C. Price Lea & Co., 9 Adam St., Adelphi, W.C.
1898.	KERR, JAMES D	Messrs. Capel & Co., 168 Dalston Lane, N.E.
1908.	KERR, NORMAN {	Richmond Chambers, 145 Bath
1905.	(St., Glasgow. 16 Mount View Rd., Stroud Green, N.
1904.		Chief Eng's. Dept., H. M. Dock-
1900.		yard, Hong Kong, China. 6 Park Tee., Lighteliffe, Halifax.
	(Rochdale Munic. Technical School,
1899.	KERSHAW, GRINDROD	Nelson St., Rochdale.
1897.	KETLEY, CHARLES BOSWORTH	128 Colmore Row, Birmingham. [Invent, Birmingham. 1132.] Messrs. William Bradford & Sons,
1906.	KETTELWELL, HARRY MASON	Carlton Chbrs., 12 Regent St., S.W.
1907.	KETTLE, LAURENCE JOSEPH	Dublin Electricity Works, Pigeon House Fort, Dublin.
1904.	KHALIL, LieutCommander IBRAHIM, I.O.N.	Engine Drawing Office, Imperial Naval Arsenal, Constantinople.
1906.	KIDNER, ALFRED EGERTON	Messrs. Reavell & Co., Ranelagh, Works, Ipswich.
1902.	KILROY, WILLIE DICKSON	Messrs. Evershed and Vignoles, Acton Lane Works, Chiswick, W.
1907.	KIMMINS, EDWARD RUSSELL.	Dudbridge Iron Works, Stroud,
1907.	King, Charles Albert	Glos. Technical College, Sunderland.
1901.	KING, ERNEST	Messrs. Mellowes & Co., Corpora-
1301.	Time, manager	tion St., Sheffield.
1906.	Kinghorn, David Morgan	Chief Eng., Boro' of Southwark Electricity Works, Penrose St., Walworth, S.E.
1905.	Kirby, Edward James	Messrs. J. & P. Coats, 50 Bothwell St., Glasgow.
1893.	KIRK, PERCY ROEBUCK	Principal, Hackney Institute, Dalston Lane, N.E.
1909.	KIRKMAN, PERCY DOBSON	27 Hill St., Higher Broughton, Salford, Manchester.
	.) KIRLEW, RICHARD LEOPOLD,	Babcock & Wilcox Co., Oriel House,
1905. A.M 1904.	L'amoure Tours market	Farringdon St., E.C. Messrs. T. Balmforth & Co., Luton.
1901.	KITCHEN, JOHN WILLIAM	Para Construction Co., 9 Rue Louis-le-Grand, Paris.
1904.	KITCHIN, WILLIAM ARCHIBALD	4 Harbour Hill, Queenstown.
1896. G	KIMOPIT ADDITION FOREIDS	Bridge Rd. Engineering Works,
1902. A.M 1906.	KNIGHT, STEPHENSON YATES	Highmead, Llanishen, Cardiff.
1908.	KNIGHTS, HENRY NEWTON	19 St. Dunstan's Hill, E.C.
1903.	KNOCKER, GEORGE STODART	(East View, Battery Green Rd., Lowestoft.
1901.	(KNOTTESFORD - FORTESCUE,) Rev. John Nicholas	
1903.	Knowles, George Stanley.	57 Victoria Rd., Tientsin, China.
1903.		
1905. A.M	Knowles, Guy John Fenton	Park Lodge, Albert Gate, S.W.

Date of Election	•	
1909.	Knowles, Leonidas	Res. Eng., Engineering Dept., The University, Manchester.
1905.	Knox, Robert	{199 Meadowpark St., Dennistoun, Glasgow.
1903.	KOETTER, ARNOLD	49 Walbrook Road, Derby.
1901.	KREMNITZ, HARRY	Wernigerode, Germany.
1907.	Tyra Donana Angarata	(Administracion, F. C. B. A. al
20011	RYLE, RUBERT ARCHIBALD	Pacifico, Bahia Blanca, Arg. Rep.
1907.	Lack, Charles Tibbit	Chief Eng., Messrs. Chivers, The Factory, Histon, Cambridge.
1908.	LAGRANGE, FREDERIC ALEX-	1111 Paseo Colon, Buenos Aires, Argentine Republic.
1902. G.) 1909. A.M.	LAIRD, ANDREW OSWALD	Engineer's Office, Victoria Docks,
1902. G.)	T 0 35	Messrs. Yarrow & Co., Scotstoun,
1905. A.M.	Laird, Stanley Morrison	Glasgow.
1907.	Laity, Harry Thompson	Village Deep G. M. Co., Box 1064,
		Johannesburg, Transvaal. 5 Falkland Avenue, Church End,
1907.	Lake, Charles Sidney	Finchley, N.
1904.	Lake, Henry Barker	Laboratory, C. P. Rly., Winnipeg, Canada.
1900. G.)	LAKIN-SMITH, CLIFFORD	Guernsey Electricity Supply, Les
1903. A.M.	LIAKIN-SMITH, CLIFFORD	Amballes, Guernsey.
1903.	Lamb, Sidney Ernest	University College, Auckland, New Zealand.
1907.	Lambert, Anthony Poignand	Southern Punjab Rly., Kasur, Punjab, India.
1906.	Lambert, James Graham	Gillette Safety Razor Co., St. Saviour's Rd. East, Leicester.
1908.	Lambert, John Henry	Loco. Dept., S. Indian Rly., Negapatam, India.
1902.	LAMPARD, PERCY	Holmdale, Cecil Rd., Cheam, Sutton.
1907.	LANCASTER, EDWARD HENRY	3 Fitzalan St., Kennington Rd., S.E. [Lancamoto, London. Hop 3856.]
1903.	Lancaster, John Hayes	Messrs. Foucar & Co., Rangoon, Burma.
1909.	LANCASTER, SIDNEY DAVID	Messrs. Hunter and English, 202 Bow Road, E.
1906.	Lander, Albert Jesse	Middx. County Tramways & Light Rlys., Guildhall, Westminster,
1000	T	S.W.
1908. ·1906.	LANDER, CECIL HOWARD LANDSTEIN, JOSEPH	Victoria University, Manchester. 110 Queen's Rd., Bayswater, W.
1907.		sc/o Messrs. W. Mansfield & Co.,
1301.	LANDSTEIN, WILFRED	Singapore, Straits Settlements.
1909.	LANE, ARTHUR	Govt. Fire Station, Queen's Road, Hong Kong, China.
1904.	LANE, NORMAN AUGUSTUS	Central House, 75 New St., Birmingham.
	Langdon, Harold Arthur	Loco. Supt., Bolivar Rly.; c/o
1904. A.M.	WILLIAM	Messrs. Boulton & Co., Puerto Cabello, Aroa, Venezuela.
1904.	Langley, George	49 Bromham Rd., Bedford.
1907.	17	Egyptian State Rlys., Tantah,
	(Ellis	Lower Egypt.

Date of Electi	ion.	
1905.	Larke, William James	British Thomson - Houston Co., Rugby.
1901.	LARKIN, FREDERICK STANLEY	(Gas Light and Coke Works 35
1897.	LARMUTH, JOHN HAMILTON	Cross Lane, Salford, Manchester; and 115 Claremont Rd., Irlams- o'-th'-Height, Manchester.
1909.	LATHAM, FRANK	(Borough Engineer, Public Buildings, Penzance.
1905.	LAURENSON, GEORGE HENRY	Sydney, N.S.W.
1906.	LAWRENCE, HENRY PERCY	Messrs. Howarth Erskine, Ipoh, Perak, F.M.S.
1907. 1905.	LAWRENCE, JULIUS PIERPOINT LAWSON, FRANCIS MALCOLM	Knaresborough. Westfield, S. Lyncombe, Bath.
1905.	{Lawson, John Charles Staveley	72 South Street, Reading.
1902.	Lawson, William	British Westinghouse Co., Trafford Park, Manchester; and Broom- lea, Broomville Avenue, Sale, Manchester.
1893.	LEA, ARTHUR HENRY	Messrs. Lea & Warren, Kettering. (Chief Electrical Eng., Electricity
1906.	LEACH, RICHARD BERTRAM	and Tramways Dept., Albert Rd., Farnworth, R.S.O., Lancs.
1902.	LEACH, ROBERT WILLIAM	Church Rd., Penn Fields, Wolver- hampton.
1903.	LEAN, CLEMENT	Thanet House, Temple Bar, W.C.
1905. 1906.	LEE, HORACE PELHAM {LEE, RALPH ARNT EDWARD BERNARD	Dereham, Putney Hill, S.W. {Assam Oil Co., Digboi P.O., Upper Assam, India.
1905.	LEE, WILLIAM HAROLD	Anglo-Chilian Nitrate and Rly. Co., Tocopilla, Chile.
1901.	LEEDS, EDWARD LAMBERT	Niles-Bement-Pond Co., 111 Broad- way, New York, U.S.
1909.	LEES, CHRISTOPHER JOHN	c/o Geo. Lees, 12 Hawkshead St., Southport.
1909.	Leevers, Frederic William	Messrs. Yonei Shoten, 12 Nichome Cho, Ginza, Tokyo, Japan. Vid Siberia.
1906.	LEGGAT, JOHN	Caledonian Chbrs., 102 St. Mary St., Cardiff.
1908.	LE MASURIER, JAMES	Messrs. Paterson Simons & Co., Singapore, Straits Settlements.
1898.	LEONARD, PETER	The Cottage, Crosby, Liverpool. (Messrs. Joseph Baker & Sons,
1901.	LESTER, JOHN MILNER	Willesden Junction, N.W.; and 9 Hindes Rd., Harrow.
1902. 1902.	LEWENZ, HENRY IVAN LEWIS, FREDRICK WILLIAM	33 Belsize Avenue, N.W. Westover, Carline Rd., Lincoln.
1908.	Lewis, John	Chief Eng., Law Accident Engineering Insurance Society, 215 Strand, W.C.
1906.	Lewis, Paul Alexander	Supt. Eng., Messrs. W. Butler & Co., Springfield Brewery, Wolverhampton.
1904.	LEWIS, WILLIAM YORATH	49 Queen Victoria St., E.C. [8849 Bank.]

1903.	LEWIS-DALE, HENRY ANGLEY	Director of Works Dept., H.M. Dockyard, Malta.
1903. G.)	LIDBETTER, CHARLES FRED-	Messrs. J. Stone & Co., Oceanic
1905. A.M.	ERICK	House, Cockspur St., S.W.
1902.	LIDDELL, GUY	Messrs. A. E. Nunn & Co., Finsbury House, Blomfield St., E.C.
1902. G.)	LIMOZIN, FERDINAND LOUIS	(c/o A. W. Farnsworth, Strand
1903. A.M.)	Joseph	Chbrs., Derby.
1909.	LINDOP, WILLIAM	Works Manager, South Stafford-
	· ·	shire Mond Gas Co., Tipton. (Messrs. Croft & Perkins, Great
1904.	LINDSAY, HENRY	Northern Works, Leeds Rd.,
1001		Bradford.
1901.	LINDSAY, The Hon. WALTER	2 Cavendish Sq., W. (Chief Engineer's Office, G.W. Rly.,
1902.	LINDSEY-BADCOCK, WILLIAM	Paddington, W.
1909.	(LINDSLEY-SIMS, ARCHIBALD	Messrs. Greenwood and Batley,
1907. G.)	WILLIAM	Albion Works, Armley Rd., Leeds. Kettering Iron & Coal Co., Ketter-
1909. A.M.	LINNELL, ARTHUR EVELYN	ing Furnaces, Kettering.
1902.	LINSCOTT, ARTHUR BURROW	21 High St., Kingston-on-Thames.
1904.	LISHMAN, JOHN JAMES	Moult Tors, Salcombe, S.O., Devon.
1903.	LISTER, ARTHUR JAMES	Duchy Chbrs., Clarence St., Man- chester.
1000	T	Messrs. W. J. Jenkins & Co.,
1908.	LISTER, JOHN EDWARD	Beehive Works, Retford.
1906.	LITHGOE, JOHN	Messrs. Royce, Ltd., Trafford Park,
		Manchester. (Plantation Leonora, Demerara,
1909.	LITTLE, CHARLES HARDY	British Guiana.
1908.	LITTLEJOHN, WILLIAM JOHN	7 Proclamation St., Subiaco,
		Western Australia. Messrs. Spillers and Bakers, Red-
1908.	LIVERMORE, ALFRED ERNEST	cliff Back, Bristol.
400=		(Messrs. Fred Wilson & Co., 41
1907.	Loader, James Frederick	Arbigtondo, Manila, Philippine Islands.
1897. G.)	T 1	(Hukanpukoi, Tinsukia P.O., Upper
1900. A.M.)	LOCKET, ATHOL	Assam, India.
1909.	LOMAX, SAMUEL	High Road, Woodford, N.E.
1903.	LONDON, WILLIAM JAMES ALBERT	Terry Steam Turbine Co., 223 State St., Hartford, Conn., U.S.
1000	(LONGHURST, HENRY ALEX-)	
1909.	(ANDER)	66 Farringdon Street, E.C.
1903.	LONGLAND, WALTER	Northampton Institute, Clerken- well, E.C.
1900.	Longley, Henry Banks	Dist. Surveyor, Town Hall, Man-
1900.	LONGLEY, HENRY BANKS	chester.
1905.	Longley, Roland George	Messrs. Tothill Sharp & Co., Bombay.
1905.	LONGWORTH, ALFRED EDGAR	Messrs. Burn & Co., Rangoon,
1000.	LONGWOLLH, ALFAED EDGAR	Burma.
1906.	LORD, FRANK	(Technical Institute, Palmyra Sq., Warrington.
1902.	LORIMER, ALEXANDER SMITH	(North British Locomotive Co.,
1002.	HOMINER, ADEXANDER OMITH	Queen's Park Works, Glasgow.
1898.	Love, Robert Templeton	{24 Creffield Rd., Ealing Common, W.
1896.	LOVELL, SAMUEL GEORGE	Stickney, Boston.

Date of l	llection.
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Date of Election.		
1903.	Loveridge, Arthur Walter	Swindon and N. Wilts. Tech. School, Swindon.
1908.	Lower, Richard Anthony	Clifton Baths Garage, Cliftonville, Margate.
1903.	LUCAS, RALPH	(191A Westcombe Hill, Blackheath, S.E.
1904.	LUKE, RICHARD MONTAGUE	9 Princess Square, Plymouth.
1909.	LUMB, LEVI	Messrs. James Lumb & Sons, Perseverance Works, Elland.
1898.	Lund, John	Messrs. Ashwell & Nesbit, Barkby Lane, Leicester.
1900. G.) 1902. A.M.	Lupton, Norman Darnton	Messrs. Joshua Buckton & Co., Well House Foundry, Meadow Rd., Leeds.
1901.	LYDDON, GEORGE EDWARD	3 Belgrave Rd., Ilford.
1904.	Lyons, Robert Ernest Bra- BAZON	{Fabrica Colon, Entre Rios, Arg. Rep.
		NA 111557 AT 1121
1904.	MACAULAY, JOHN	Municipal Offices, Liverpool; and 15 Brabant Rd., Aigburth, Liverpool. Lanston Monotype Corpn., 43
1906.	Macauley, Charles Ridgeway	Fetter Lane, E.C.; and 17 Nevern Rd., S. Kensington, S.W.
1904. G.)		Messrs. Crompton & Co., Arc
1907. A.M. § 1909.	PHRY SALWEY	Works, Chelmsford. 22 Castle St. East, Oxford St., W.
1901.	MacCurrach, Douglas Coch-	Queen Anne's Chambers, West- minster, S.W.
1908.	Macdonald, John Ranald	Atheneum Club, Johannesburg,
1906.	MACE, FRANCIS ROBENS	Transvaal. Port Office, Point, Durban, Natal.
1907.	MacFarlane, James Brock	Messrs. R. Wolf, 7 Laurence Pount- ney Hill, Cannon St., E.C.
1905.	MACGREGOR, JOSIAH, Jun	Garage Continental Ltd., Rissik & Marshall St. Corner, Johannesburg, Transvaal.
1901.	Mackail, John Henderson	Municipal Electrical Eng., Singapore, Straits Settlements.
1903.	Mackay, Harry John Suther-	Stirling Boiler Co., 25 Victoria St., Westminster, S.W.
1909.	MacKellar, Ernest Camp- Bell	76 Cambridge Mansions, Battersea Park, S.W.
1904.	Mackenzie, Alfred Douglas	[109 Victoria St., Westminster, S.W. [Unbestowed, London. 662 Westminster.]
1906. G. 1908. A.M.	MACRIE, RONALD HASTINGS	Assist. Loco. Supt., Burma Rail- ways Co., Insein, Burma, India.
1909.	MACKIE, TOM DARKE	Messrs. P. Speakman & Sons, 6
1906.	Mackinder, John Herbert	East India Avenue, E.C. 54 Doughty Street, W.C.
1907.	MACKINTOSH, DONALD GRANT	Victoria Rd., Stechford, Birming- ham.
1909.	MACKINTOSH, ROBERT DAVID	Messrs. Thomas Begbie & Co., P.O. Box 192, Middelburg, Transvaal.
1909.	MACKLEY, EDWARD NORMAN	Messrs. Ernest Scott and Mountain, Close Works, Newcastle-on-Tyne.
1906.	Macklin, Edward Lionel	21 Carlyle Drive, Crookston, Paisley.

Date of Election.		
1909.	Maclean, James Borrowman	Arsenal de São Theago, Funchal, Madeira.
1903.	MACLENNAN, HOPE VERE	Chief Mech. Eng., Kimberley Water Works, Kimberley, S. Africa.
1903.	Macleod - Carey, Arthur William Joseph	Middleton-one-Row, Middleton St. George, S.O., Co. Durham.
1907.	Madden, Henry Dacre	Grangetown Gas Works, Cardiff.
1909.	Maggs, Charles James	Chief Supt. Eng., Messrs. Sprostons, Georgetown, Demerara, British Guiana.
1909.	MAITLAND, ALEXANDER	Calcutta Fire Insce. Agents' Assocn., P.O. Box 280, Bengal Chamber of Commerce, Calcutta.
1902. G.) 1903. A.M.	Maitland, Dascon James	Melton Estate, Lindula, Ceylon.
1908.	MALLEY, CHRISTOPHER EDWIN ARTHUR HEWITSON	18 Lomond Rd., Edge Lane, Liverpool.
1907.	Mallinson, Arthur Benjamin	Electrical Dept., Messrs. Mather & Platt, Salford Iron Works, Manchester.
1907.	Malpas, Arthur Ernest	Sociedad de Gasificación Industrial, Cerro de la Plata, Madrid, Spain.
1904. G.) 1909. A.M.	MALTHUS, ROBERT	Bystock House, Exeter.
1906.	Mangold, Charles August	Messrs. Mangold Brothers, Port Elizabeth, Cape Colony.
1907.	(Mann, Eng. Lieut. WILLIAM) SELWYN, R.N	28 Bark Place, Bayswater, W.
1908.	Manning, Ernest	British Engine, Boiler and Elec- trical Insurance Co., 12 King St., Manchester.
1907.	(Manning, Reginald Percy) Milton	151 Cashel St., Christchurch, N.Z.
1901.	Mannock, James Jackson	General Manager, Falcon Iron Works, Oldham. [Falcon, Old- ham. 352.]
1897. G.) 1904. A.M.)	Mansfield, Frank	18 Sharia - el - Madabegh, Cairo, Egypt.
1899. G.) 1907. A.M.	Mansfield, Oliver	18 Sharia - el - Madabegh, Cairo, Egypt.
1894. G.) 1897. A.M.	Mansfield, Walter	Creewood Bldgs., Brunswick St., Liverpool.
1908.	Manuel, Cecil Osmond	Manager, Burmah Oil Co.'s Works, Budge Budge. Viâ Calcutta.
1901.	MARCH, SYDNEY HERBERT	Messrs. Charles Churchill & Co., 2 Charlotte St., Mosley St., Manchester.
1903.	MARGETSON, ALFRED JAMES	Central Technical College, Exhibition Rd., S. Kensington, S.W.
1892. G.)	MARKS, ALFRED PALLY	39 Corporation St., Birmingham.
1903. A.M. § 1900.	Marks, Gordon Cumming	36 Park Road, Spencer Park, S.W.
1903.	Marples, Stephen Arnold	Carlton House, Regent Street, S.W.
1909.	MARR, JAMES	Coke Oven Construction Co., Gell St., Sheffield.
1905.	MARR, WILLIAM KAY	Chief Eng., 3rd Circle Irrigation, Alexandria, Egypt.

D.A.		ED:		
Date	OI	Ele	ecti	on.

		(Works Dont W M Dook-out
1902.	MARRIAN, ARTHUR EDWARD	Works Dept., H. M. Dockyard, Gibraltar.
1899. G.) 1902. A.M.)	Marsden, Alfred	13 Prince of Wales' Road, Battersea Park, S.W.
1904.	MARSDEN, WALTER	Campbell Gas Engine Co., Kingston, Halifax.
1904. G.) 1909. A.M.	MARSH, HARRY EVELYN	Effingham Steel Works & Rolling Mills Co., Sheffield.
1907.	MARSHALL, ARTHUR GROTJAN	14 Jinker Road, Shanghai, China.
1907.	MARSHALL, NUSSERWANJI MANECKSHAW	Esplanade Ica., Dombay.
1904.	MARSHALL, REGINALD	182 Loughborough Rd., Brixton, S.W. (Burgh Electrical Eng., Corpn.
1908.	MARSHALL, ROLAND	Burgh Electrical Eng., Corpn. Electricity Works, Mill Street, Ayr.
1907.	MARSHALL, WILLIAM HENRY UPTON	14 South Parade, Southsea, Portsmouth.
1905.	MARSHALL, WILLIAM JOHNSTONE	(St Stanhan's House Westmington
1888. G.) 1904. A.M.	MARTEN, HUBERT BINDON	care of E. B. Marten, Pedmore, Stourbridge.
1908.	MARTIN, ERNEST	Birmingham Small Arms Co.,
1000.		Sparkbrook, Birmingham. (Waterworks Eng., Cuckfield Rural
1907.	MARTIN, FRANCIS	District Council, Boltro Rd., Haywards Heath.
1904.	MARTY, ERNESTO	Loco. Works Manager, Talleres Penarol, F. C. Central del Uru- guay, Uruguay.
1905.	MARTY, FEDERICO	F. C. Oeste, Trenque Lauquen, Prov. Buenos Aires, Arg. Rep.
1901.	MARTYN, SARSFIELD WILLIAM	[11 Pratt St., Camden Town, N.W. [Aerocars, London. 984 North.]
1905.	MARYON, ARTHUR THOMPSON	41 Handen Rd., Lee, S.E.
1902. G.)	MASCALL, ARTHUR EDWARD	3 Ryle Rd., Nether Edge, Sheffield. L. & N.W. Rly., Wolverton, R.S.O.,
1905. A.M.	Mason, Charles Lyall	Bucks.
1905.	Mason, Francis Bernard	Messrs. Dorman, Long & Co., 19 Victoria St., Westminster, S.W.
1901.	Mason, John William Victor	Mona Works, Barlow Rd., Levens- hulme, Manchester.
1904.	MASON, WILLIAM	Walker Engineering Laboratories, The University, Liverpool.
1900.	MASSEY, EDWARD	Dallam Forge, Warrington.
1900.	MATE, WALTER EDWIN	[Ipoh, Perak, Federated Malay States.
1909.	MATHEWS, ALBERT ROGER	Dredging Dept., Madras Port Trust, Madras, India.
1907.	MATHEWS, ERNEST GORDON DEWAR	49 Clanricarde Gardens, Bayswater, W.
1908.	Mathieson, William, R.N.R.	Chief Engineer, R.M.S. "Empress of China," C. P. R., Vancouver, B.C.
1902.	Matsubara, Takashi	Mitsui Mining Co., 1 Surugachio, Nihonbashi Ku, Tokyo, Japan.
1908.	MATTHEWS, JAMES	175 Owen Road, Wolverhampton.

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1908.	MATTHEWS, THOMAS LEIGH	Messrs. Coode, Son and Matthews, 9 Victoria St., Westminster, S.W.
1904.	MATTHEWS, WILLIAM EDWARD	Bridge End Foundry, Cardigan.
1906.	Maudslay, Joseph	Genl. Supt., Luxor and Assouan Line, Egyptian State Rly., Luxor, Upper Egypt.
1897. G.) 1899. A.M.)	MAW, HENRY	57 Wellington Rd., Heaton Chapel, Stockport.
1901. G.) 1904. A.M.)	MAW, ROBERT LEWIS	35-36 Bedford St., Strand, W.C.
1901. G.) 1906. A.M.)	Maw, Thomas Frederick	18 Addison Road, Kensington, W.
1906.	Mawson, Robert	122 Ophelia St., Hartford Avenue, Providence, R.I., U.S.
1905.	MAY, HORACE NUNN	28 Leyborne Park, Kew Gardens, Surrey.
1906.	MAY, THOMAS ARTHUR PRATT (Life Associate Member)	Messrs. G. R. Alston & Co., Port-of- Spain, Trinidad, W.I.
1898. G.) 1902. A.M.)	MAYES, HOWARD	3 Pine Mansions, Gondar Gardens, W. Hampstead, N.W.
1909.	MAYNE, JAMES GEORGE	Loco. Supt., Western Rly. of Havana, Havana, Cuba.
1906. 1907.	McBride, Frederick McBride, James Scott	11 Adelaide Terrace, Truro. 8 Merchant's Quay, Cork.
1902.	McCaffery, James	Electrical Eng., H.M. Dockyard, Sheerness.
1904.	McCallum, Edward Alfred	Maikop Oil Fields Synd., Apsheron- skaya, Maikop, Cuban District, Russia.
1908.	McCarthy-Jones, Christo- PHER HOWEL	General Electric Co. of N.Y., P.O. Box 271, Calcutta.
1907.	McClelland, James Craig	Farringdon Engineering Co., 29 Red Lion St., Clerkenwell, E.C.
1904.	McClelland, John James	262 Victoria Park Rd., South Hack- ney, N.E.
1904.	McClure, John Rayner	(4541 Marmion Way, Los Angeles, California, U.S.
1900. G.) 1904. A.M.)	McDermott, Hugh	3 Thurleigh Road, Wandsworth Common, S.W.
1905. G.) 1909. A.M.)	McDonald, Neil	c/o Miss Munn, Barcaldine, Ledaig, Argyll.
1901. G.) 1903. A.M.)	McDonald, William	Chief Eng., Variable Speed Clutch Co., 301 Enterprise Bldg., Mil- waukee, Wis., U.S.
1899.	McFerran, Howard A	H. M. Office of Works, Storey's Gate, S.W.; and Braycott, Eg- mont Rd., Sutton, Surrey.
1894.	McGeorge, James	Bombay Burmah Trading Corpn., Rangoon, British Burmah.
1902.	McGhee, Alexander	26 Ingledew Crescent, Roundhay, Leeds.
1904.	McGown, Rogers	8 Charles St., Livesey St., Manchester. [2575.]
1901. G.) 1903. A.M.)	McGregor, James	Yewlands, Liberton, S.O., Mid- lothian.
1897. G.)	McGregor, John	Messrs. Murray and Paterson, Coatbank Engine Works, Coat-
1898. A.M.)		bridge.

Date of Election		
1904.	McGregor, Walter	Genl. Manager, Central Baths, West Protection Wall, Dundee. (Loco. Supt., Fazenda Dumont,
1906.	McIntyre, Charles	Ribeirão, Preto, São Paulo, Brazil.
1904.	McJerrow, Thomas	Ashanti Goldfields Corpn., Obuassi, Sekondi, Gold Coast Colony.
1901.	McKerlie, James	Direccion General de los Ferrocar- riles del Estado, Santiago, Chile.
1903.	McLaren, William David	Thomason Civil Engineering College, Roorkee, N.W.P., India. Ocean Accident and Guarantee
1904.	McLean, Alexander Malker	Corpn., 9 Albert Sq., Manchester; and 6 Worcester Avenue, Club- moor, Liverpool.
1891. A.) 1896. A.M.)	McMeekin, Adam	Cogry Flax Spinning Mills, Doagh, R.S.O., Co. Antrim, Ireland.
1906.	McNicoll, Walter	Shandon Place, 207 Albert Street, Dundee.
1908.	McPherson, John	The New Mill, Bally, Calcutta.
1000	(McTurk, Alexander Glad-	Chief Mech. Eng., Messrs. Barber,
1906.	{ STONE	Walker & Co., Eastwood Collieries, Nottingham.
		Messrs. Hal Williams & Bridges, 3
1909.	Mead, Thomas Francis	Salters' Hall Court, Cannon St., E.C.
1907.	MEADEN, ALBERT EDWARD	F.M.S. Rlys., Central Workshops, Kuala Lumpor, Selangor, F.M.S.
1903.	Medley, Charles Powis	London Hoist & Machinery Co., 95 and 103 Worship St., E.C.
1900.	Meek, George Thomas	Electric Lighting Works, Town- mead Rd., Fulham, S.W.
1904.	MEENAN, GEOFFREY BRENNAN	5 Charleville St., Rathmines, Dub- lin.
1908.	MELL, STEPHEN THEODORE	Colonial Consignment & Distri- buting Co., Nelson's Wharf, Lambeth, S.E.
1900. G. 1906. A.M.	MELLAND-SMITH, HUBERT RAWSON	Dhamai Tea Estate, Dakshimbag P.O., Sylhet, India.
1902.	MENSFORTH, HOLBERRY	Breeze Hill, Urmston Lane, Stret- ford, Manchester.
1905.	MERRALL, CHARLES EDDINGTON	26 Playfield Crescent, East Dul- wich, S.E.
1901. G. 1905. A.M.		41 Finsbury Square, E.C.
1909.	METCALF, ALFRED TOWNLEY	Bradford Dyers' Association, 39 Well St., Bradford.
1908.	METHUEN, JAMES ALLIN	P.O. Box 14, Umtali, Rhodesia.
1907.	MEYER, THOMAS BERNARD	20 Bennett Park, Blackheath, S.E.
1902.	MEYRICE - JONES, LEONARD MEYRICK	West Felton, Audley Rd., Hendon, N.W.
1908.	MIASKOWSKI, PAUL AUGUST HERRMANN V	Maschinenfabrik Augsburg-Nürnberg, 219 Caxton House, Tothill St., Westminster, S.W. (Water Eng., Municipality, P.O.
1906.	MICHAEL, HUBERT	Box 1049, Johannesburg, Transvaal.
1906.	Middleton, Brian McLaren	Messrs. Dymes & Co., Adoni, Bellary District, India.

1904.	MIDDLETON, PETER CHARLES	5 Warminster Road, South Norwood, S.E.
1906.	MILES, ERNEST GEORGE	General Electric Co., Witton, Birmingham.
1905.	MILLAR, WILLIAM PETTIGREW	Messrs. W. D. Hamilton & Co., 59 Bath St., Glasgow.
1903.	MILLER, JOHN	Engineer's Dept., Messrs. A. Guinness, Son & Co., St. James' Gate Brewery, Dublin.
1909.	MILLER, WILLIAM PERCY	59-60 Charlotte Street, Birming-ham.
1903. G.) 1905. A.M.)	MILLETT, CHARLES WALTER	Abbotsford, Seymour Rd., Hampton Wick, Kingston-on-Thames.
1904. G.) 1908. A.M.	MILLINGTON, WILLIAM ERNEST WYATT	78 Gainsborough St., Werneth, Oldham.
1894.	MILLS, ARTHUR EDWIN	Atlantic Bldgs., Mount Stuart Sq., Cardiff.
1903.	MILLS, Captain JAMES JESSE, A.O.D	8 Midleton Park, Queenstown.
1899.	MILLS, JOSEPH AMOS	City Deep G.M. Ltd., Box 1411, Johannesburg, Transvaal.
1897.	MILLS, SAMUEL JAMES AUGUS-	Strawberry Bank, Blackburn.
1907.	MILNER, LESLIE GEORGE	Central Technical College, South Kensington, S.W.
1905.	MITCHELL, EDWARD ALBERT	59 & 60 Broad St. Avenue, E.C.
1907. G.) 1909. A.M.)	MITCHELL, GARDINER	Messrs. Barry, Henry & Co., West North St., Aberdeen.
1904.	MITCHELL, GEORGE ROBERT	Chief Eng., Metrop. Police (Thames Div.), Thames Police Stn., Cold Harbour, Blackwall, E.
1902.	MITCHELL, JAMES	Engineer's Office, Harbour Improvement Works, Whitby.
1902.	MITCHELL, JOHN	100 Victoria Street, Westminster, S.W.
1909.	MITCHELL, THOMAS, Jun	Works Manager, Messrs. Thomas Mitchell and Sons, Derby Street, Bolton.
1896.	MITTON, THOMAS EVANS	Crown Brass Works, Oozells St. North, Birmingham. [Mitton, Birmingham. 394.]
1903. G.) 1907. A.M.)	Mobbs, Herbert	Pytchley Autocar Co., Sheep St., Northampton.
1909.	Moffat, David	Las Heras 586, Tucuman, Argentine Republic.
1905.	MOFFAT, WILLIAM GLOVER	Chief Eng., Belfast Ropeworks Co., Belfast; and 2 Ebrington Gdns., Upper Newtownards Rd., Belfast.
1891. G.) 1905. A.M.	Mogg, Henry Hodges	Newbridge Hill, near Bath.
1907.	Mohn, Trygve	National Gas Engine Co., Ashton- under-Lyne.
1904.	MOLYNEUX, JAMES	21 Coedsalson Crescent, Sketty,
	MONCRIEFF, ROBERT WIGHTON	Swansea. Briar Hill House, nr. Northampton.
1896.	Monkhouse, Frank Lionel	10 Wyndcote Rd., Allerton, Liver-
1903.	HONAROUSE, PHARA BIONES	pool.
1902. G. 1903. A.M.	MONTAGUE, GRAHAM	Leigh Woods, Clifton, Bristol.

1897. G. 1902. A.M.	MONTGOMERY, CHARLES HU-	Power Station, Lancs. and Yorks. Rly., Formby, Liverpool. Messrs. Tupper & Co., Regent and
1907.	Moody, George Henry	Britannia Works, Bradley, Bilston.
1906.	MOODY-STUART, ALEXANDER	Annat, Errol.
1908.	Moores, John	(29 Church Rd., Chorlton-cum- Hardy, Manchester.
1904.	Moraes, Henry Francis	Rambutan Ltd., Tanjong Rambutan, Perak, F.M.S.
1909.	MORCOM, EDGAR LLEWELLYN	Messrs. Belliss & Morcom, Ledsam Street Works, Birmingham.
1903.	Morgan, Douglas Howard	The Limes, Felstead, Essex.
1903.	Morgan, Edward George	Messrs. Kennan & Sons, 19 Fish- amble St., Dublin.
1903.	Morgan, Frederick John	(35 and 36 Wind St., Swansea. [Advance, Swansea. 570.]
1909.	Morley, Thomas Bonner	James Watt Engineering Labora- tories, The University, Glasgow.
1902. G.) 1908. A.M.)	MORRIS, CYRIL CLARKE BO-	Fire Brigade, Southwark, S.E.
1909.	Mosley, Louis Dawson	Manager, Gas Works, Seaford,
	, 20020	Managing Director, Messrs. Smith
1902.	Mowbray, Archibald Holme	& McLean, Mavisbank, Glasgow. [Mavisbank, Glasgow. 1507.]
1902.	MOWBRAY, FRANK HERBERT	Universal Music Co., 1-2 Goldsmith St. Bldgs., High Holborn, W.C.
1905. G.)	Mowll, Harold Savignac	Messrs. Crossley Bros., 37 Westgate
1909. A.M. § 1905.	Moyle, Edward Charles	St., Cardiff. Victoria Technical School, Preston.
1897. G.)	MUGGERIDGE, HAROLD CHIS-	sc/o Chief Eng., E.I. Rly., E.I. Rly.
1902. A.M.) 1908.	Muir, Frank	House, Fairlie Place, Calcutta. 42 Deansgate, Manchester.
1905.	Mara Harrie	Govt. Marine Surveyor, Penang,
1899.	MUIRHEAD, DAVID	Straits Settlements. Tolcarne, Hamilton Rd., Reading.
1033.	BIUIBBEAD, DAVID	Managing Director, Builders & Con-
1909.	MULLER, ERNEST	tractors Plant Ltd., 17 Victoria St., Westminster, S.W.
1906.	MUNCASTER, HORACE	Workington Bridge and Boiler Co., Workington.
1902. G.) 1904. A.M.	MUNYARD, ALFRED WALFORD	Eastcombe Terrace, Blackheath S.E.
1900. G.	MURDOCH, ALEXANDER GEM-	Messrs. T. & J. Hosking, Dock Head
1904. A.M.	MELL	Iron Works, Bermondsey, S.E. Messrs. F. Reddaway & Co., Pendle-
1902.	MURPHY, WILLIAM	ton, Manchester.
1907.	MURRAY, ALBERT	Wilmslow Villa, Morven Grove, Southport.
1907.	MURRAY, ERVIN FRANK	Hungaria, Bedwell Rd., Harlington, Middx.
1905.	MURBAY, GEORGE WILLIAM	Messrs. G. Gahagan & Co., 271 Bellasis Rd., Byculla, Bombay.
1901.	MURRAY, PETER BUTCHART	Managing Director, Messrs. Fraser and Fraser, Bromley-by-Bow, E.
1907.	Myers, James Ruglen	Urban District Council Electricity Works, Ley St., Ilford.

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1906.	Nandi, Kali Charan	Supt. of Works, P.W.D., Cooch Behar, India.
1904.	NAPIER, FREDERICK DISNEY	N. Metrop. Electric Power Supply Co., Taylor's Lane, Willesden, N.W.
1907.	Nasmith, John	British Westinghouse Co., Trafford Park, Manchester.
1907.	NAYLOR, JAMES WILLIAM	Westwood House, Cheadle Old Rd., Stockport.
1901.	Naylor, John Alfred	Messrs. Rosser & Russell, 22 Charing Cross, S.W. [Lesorus, London. Gerrard 5210.]
1903.	Naylor, John Hardcastle	Royal Military Academy, Wool-wich.
1902.	NEAL, HENRY ANDREWS	St. Pancras Ironwork Co., Belle Isle, York Rd., N.
1905. G.) 1909. A.M.)	NEEDHAM, CYRIL ARMITAGE	Water Engineer's Office, 52 Balls Road, Birkenhead.
1902.	NELSON, ROBERT	24 Aynhoe Road, Brook Green, W.
1903. G.) 1904. A.M.)	NESBITT, EDWARD ARTHUR	Paulatim, Bearsden, Glasgow.
1908.	NETTLE, HENRY	Tremayne House, Basset Terrace, Camborne.
1899.	NETTLEFOLD, GODFREY	16 Broad St., Birmingham. [Nettle- folds, Birmingham. 2086.]
1901. G.) 1909. A.M.)	NEVILL, STANLEY SHARP	205 Clapham Road, Stockwell, S.W.
1903. G.) 1909. A.M.)	Newill, George Ernest	Guadalupe Consolidated Gold Mining Co., Indé, Durango, Mexico.
1905.	NEWMAN, ARTHUR DUDLEY	Chief Eng., Messrs. Fraser & Chalmers, P.O. Box 291, Johannesburg, Transvaal.
1906.	NEWMAN, CHARLES WILLIAM DURIE	Barry Marine Engineering Academy, 94 Dock-view Rd., Barry Dock, Glam.
	NEWMAN, KENNETH CHARLES HORTON	Broadbank Chambers, 16 Oxford St., Harrogate.
1905.	NEWMAN, WILLIAM BOUGHTON	Manager, Messrs. John Whitehead & Co., Albert Works, Syke St., Preston.
1902.	NEWMAN, WILLIAM HENRY	Totteridge Park, Herts.
1908.	NEWTON, EDGAR VENABLES	Messrs. Ruston, Proctor & Co., 46 Queen Victoria St., E.C.
1901. G. 1904. A.M.		6 Goldsmith's Gardens, Acton, W.
1904.	NEWTON, RUPERT	Grays Rd., Bishopton Lane, Stockton-on-Tees.
1906.	NICHOLL, FREDERICK MICHELL	Oorgaum, Kolar Gold Fields, South India.
1905.	NICHOLS, ALBERT EDWARD	Boro' Eng. and Surveyor, Folkestone.
1905.	NICHOLS, FREDERICK ALBERT	Ammunition Factory, Dum Dum, Calcutta.
1901.	NICHOLS, HENRY FRANCIS	Manager, Messrs. James Hill & Sons, 16 & 18 Currie St., Adelaide, S. Australia.
1907.	NICHOLSON, ALEXANDER	Messrs. Alldays & Onions Pneumatic Engineering Co., Birmingham.

Date	of E	lecti	on.

1902. G.) 1905. A.M.) 1897. G.) 1902. A.M.)	NICHOLSON, EDWARD NIXON, CHARLES BASIL NIXON, FREDERICK HENRY	39 Mayfield Rd., Alexandra Park, Manchester. Lancashire Steam Motor Co., Leyland, Preston. 116 Upper Tulse Hill, S.W.
1908.	Noble, George	Messrs. T. E. Thomson & Co. 9 Esplanade East, Calcutta.
1905.	NOOT, WILLIAM WILLIAMS	19 Trafalgar Place, Brynmill, Swansea.
1909.	NORMAN, EDWARD JAMES HUTCHINS	Messrs. Duke & Ockenden, 126 Southwark St., S.E.
1907.	NORMAN, GEOFFREY HAMILTON	Messrs. Callenders Co., Belvedere, S.O., Kent.
1903.	Norman, George Frederick ALEXANDER	c/o Dr. Norman, Hadleigh, S.O., Suffolk.
1897.	NORTON, ARTHUR	34 Fountain Rd., Edgbaston, Birmingham.
1899.	NORTON, SAMUEL JOSEPH	22 Bushnell Rd., Balham, S.W.
1905.	NOWELL, VICTOR FERDINAND	12 Waverley Mansions, 72 Corporation St., Calcutta.
1899. G.) 1906. A.M.	NUTTER, HAROLD NORMAN	Messrs. W. Aykroyd & Sons, Oakwood Dye Works, Bradford.
1906.	Oakden, Roger Brooke	P.W.D., Bloemfontein, O.R.C., S. Africa.
1907.	Oakes, Frederick Bismarck	The Cottage, Leiston, R.S.O., Suffolk.
1900.	OCKENDEN, MAURICE ALBION, Jun.	126 Southwark St., S.E.
1902.	O'CONNELL, JOHN GEORGE	1 Cornwall Mansions, Chelsea, S.W.
1909.	OGDEN, SAMUEL	7Kellingworth Rd., South Gosforth, Newcastle-on-Tyne.
1909.	OLVER, WILLIAM HENRY	297 Wells Rd., Knowle, Bristol.
1905.	O'NEIL, RODOLPH STUART	4 Landguard Rd., Southampton.
1900.	O'REILLY, FRANCIS JOSEPH	Colombian State Rlys., Giradot, Colombia, S. America.
1902.	ORR, THOMAS REGINALD JAMES	Wallaroo Phosphate Co., Wallaroo, S. Australia.
1901.	Osborn, John Lee	1 Queen Anne Bldgs., 38 Baldwin St., Bristol.
1899.	OSBURN, GEORGE VICTOR	P.O. Box 623, Edmonton, Alberta, Canada.
1907.	Oswald, James	Sleaford Foundry, Nine Elms Lane, S.W.
1901.	OUGHTERSON, GEORGE HENRY	Ordnance Dept., Messrs. Vickers, Sons & Maxim, Naval Construc-
1904. G.) 1907. A.M.)	OWEN, HALSALL	tion Works, Barrow-in-Furness. Messrs. Monks, Hall & Co., War- rington.
1902.	OWSTON, WILLIAM HENRY	Messrs. John Russell & Co., Alma
1907.	Oxford, Raymond	Tube Works, Walsall. 117 Park St., Moonee Ponds, Vic- toria.
1901.	Page, Hugh Algernon	Newlyn, Lynmouth Rd., Fortis Green, E. Finchley, N.

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1908.	Page, John Henry	Resident Mech. Eng., Metropolitan Rly., Power Stn., Neasden, N.W.
1901.	PALMER, ALFRED	Union Engineering Works, Union Lane, Sheffield.
1907.	PALMER, CHARLES	Messrs. Liddell Brothers & Co., Hankow, China.
1895. G.) 1900. A.M.)	Palmer, Henry Boswell, Jun	P.O. Box 181, Boksburg, Transvaal: (or 99A Belsize Rd., Hampstead, N.W.).
1909.	Pank, Abraham	Messrs. A. Pank & Sons, Castle Hill Works, Norwich.
1909.	PANTON, JOSEPH ALEXANDER	Liverpool Overhead Rly., 31 James St., Liverpool.
1902.	Papworth, John Wyatt	Corpn. Electricity Works, Stirling.
1904.	PARIS, HENRY ADOLF	Mech. Engineer's Dept., L.C.C., Spring Gardens, S.W.
1906.	PARKER, EDWIN THORLEY	59 Bescot, Walsall.
1899. G.) 1902. A.M.)	PARKER, FREDERICK THOMAS	Messrs. Fraser & Chalmers, 3 London Wall Bldgs., E.C.
1909.	Parker, John	South Staffordshire Mond Gas Co., Dudley Port, Tipton.
		Gun Mounting Dept., Messrs.
1908.	PARKER, ROBERT	Vickers, Sons and Maxim, Barrow-in-Furness.
1906.	PARKES, HOWARD RODERICK	Messrs. Taylor Brothers & Co., Dacre House, Victoria St., S.W.
1904.	PARKIN, THOMAS	1 Shady Villas, The Avenue, Erith, S.O., Kent.
1900.	PARKINSON, ERNEST	Canal Iron Works, Shipley, Yorks.
	,	Tomples Shiples 4080 7
1901.	(PARR, GEORGE DUDLEY ASPIN-)	The University, Leeds.
	· · · · · · · · · · · · · · · · · · ·	The University, Leeds. (Uitvlugt, West Coast, Demerara, British Guiana.
1901. 1902. G.)	PARR, GEORGE DUDLEY ASPIN-	The University, Leeds. (Uitvlugt, West Coast, Demerara,
1901. 1902. G. 1909. A.M.	PARR, GEORGE DUDLEY ASPIN- ALL	The University, Leeds. (Uitvlugt, West Coast, Demerara, British Guiana. (Vaughan Pulley Co., West Gorton, Manchester. (Liverpool Barytes Co., Bantry, Ireland.
1901. 1902. G.) 1909. A.M.)	PARR, GEORGE DUDLEY ASPIN- ALL	The University, Leeds. (Uitvlugt, West Coast, Demerara, British Guiana. (Vaughan Pulley Co., West Gorton, Manchester. (Liverpool Barytes Co., Bantry, Ireland. (London Hydraulic Power Co., Hat-
1901. 1902. G. 1909. A.M. 1905. 1909. 1909. 1899. G.	PARR, GEORGE DUDLEY ASPIN- ALL	The University, Leeds. (Uitvlugt, West Coast, Demerara, British Guiana. (Vaughan Pulley Co., West Gorton, Manchester. (Liverpool Barytes Co., Bantry, Ireland. (London Hydraulic Power Co., Hatfield Street, Southwark, S.E. (Munic. Technical School, Suffolk
1901. 1902. G. 1909. A.M. 1905. 1909.	PARR, GEORGE DUDLEY ASPIN- ALL	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hat- field Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham.
1901. 1902. G. 1909. A.M. 1905. 1909. 1909. 1899. G.	PARR, GEORGE DUDLEY ASPIN- ALL	The University, Leeds. (Uitvlugt, West Coast, Demerara, British Guiana. (Vaughan Pulley Co., West Gorton, Manchester. (Liverpool Barytes Co., Bantry, Ireland. (London Hydraulic Power Co., Hatfield Street, Southwark, S.E. (Munic. Technical School, Suffolk
1901. 1902. G.) 1909. A.M.) 1905. 1909. 1909. 1899. G.) 1901. A.M.)	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hat- field Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, South- ampton. 342.] Patent Shaft and Axletree Co., Wednesbury.
1901. 1902. G. 1909. A.M. 1905. 1909. 1909. 1899. G. 1901. A.M. 1898.	PARRY, CHARLES WOODALL PARROTE, HUBERT MUSGRAVE PARRONAGE, WILLIAM RAWLETT PARSONS, HARRY	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hat- field Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, South- ampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132
1901. 1902. G. 1909. A.M. 1905. 1909. 1909. 1899. G. 1901. A.M. 1898.	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT PARSONS, HARRY PARSONS, HORACE WILLIAM PARSONS, THOMAS GEORGE PASQUIER, ARTHUR EDMUND	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hatfield Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, Southampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132 Nethergate, Dundee. British Westinghouse Co., 102 St.
1901. 1902. G., 1909. A.M.) 1905. 1909. 1909. 1899. G., 1901. A.M.) 1898. 1906. 1904. 1903. 1901.	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT PARSONS, HARRY PARSONS, HORACE WILLIAM PARSONS, THOMAS GEORGE PASQUIER, ARTHUR EDMUND DU PATCHETT, JOSEPH HENRY	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hatfield Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, Southampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132 Nethergate, Dundee. British Westinghouse Co., 102 St. Mary St., Cardiff. Warsop, Mansfield.
1901. 1902. G., 1909. A.M.) 1905. 1909. 1909. 1899. G., 1901. A.M.) 1898. 1906. 1904.	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT PARSONS, HARRY PARSONS, HORACE WILLIAM PARSONS, THOMAS GEORGE PASQUIER, ARTHUR EDMUND DU	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hatfield Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, Southampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132 Nethergate, Dundee. British Westinghouse Co., 102 St. Mary St., Cardiff. Warsop, Mansfield. Bhadran, near Borsad, India. Exec. Eng., P.W.D., Baroda,
1901. 1902. G.) 1909. A.M.) 1905. 1909. 1909. 1899. G.) 1901. A.M.) 1898. 1906. 1904. 1903. 1901. 1896.	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT PARSONS, HARRY PARSONS, HORACE WILLIAM PARSONS, THOMAS GEORGE PASQUIER, ARTHUR EDMUND DU PATCHETT, JOSEPH HENRY PATEL, MOTIBHAI BHIKHABHAI	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hat- field Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, South- ampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132 Nethergate, Dundee. British Westinghouse Co., 102 St. Mary St., Cardiff. Warsop, Mansfield. Bhadran, near Borsad, India. Exec. Eng., P.W.D., Baroda, Baroda State, India. Natural Soda Works, Bir-Hooker,
1901. 1902. G.) 1909. A.M.) 1905. 1909. 1909. 1899. G.) 1901. A.M.) 1898. 1906. 1904. 1903. 1901. 1896. 1896.	PARRATT, HERBERT EDWIN PARRATT, HERBERT EDWIN PARROTT, ARTHUR GEORGE PARRY, CHARLES WOODALL PARRY, HUBERT MUSGRAVE PARSONAGE, WILLIAM RAWLETT PARSONS, HARRY PARSONS, HORACE WILLIAM PARSONS, THOMAS GEORGE PASQUIER, ARTHUR EDMUND DU PATCHETT, JOSEPH HENRY PATEL, MOTIBHAI BHIKHABHAI PATEL, RAOJIBHAI MOTIBHAI	The University, Leeds. Uitvlugt, West Coast, Demerara, British Guiana. Vaughan Pulley Co., West Gorton, Manchester. Liverpool Barytes Co., Bantry, Ireland. London Hydraulic Power Co., Hat- field Street, Southwark, S.E. Munic. Technical School, Suffolk St., Birmingham. Parsons Motor Co., Town Quay, Southampton. [Motors, South- ampton. 342.] Patent Shaft and Axletree Co., Wednesbury. Manager, Rossleigh Ltd., 132 Nethergate, Dundee. British Westinghouse Co., 102 St. Mary St., Cardiff. Warsop, Mansfield. Bhadran, near Borsad, India. Exec. Eng., P.W.D., Baroda, Baroda State, India.

1905. G.	PAYNE, CHARLES AUGUSTUS	Asiatic Petroleum Co., c/o Messrs.
1909. A.M.		Best & Co., Madras, India.
	WILLIAM	
1898. G.	PAYNE, FRANK GERVAS	Munic. Electricity Works, Shang-
1902. A.M.		hai, China.
1905.	PAYNE, RAYMOND	62 London Wall, E.C.
1909.	PEACH, CHARLES EDMOND	Egyptian State Railways, Boulac,
1303.	CLEAVER	Cairo, Egypt.
1000		(Sirona, St. Alban's Road, Redland,
1908.	PEACOCK, JOSEPH FRANK	Bristol.
1907. G.)		
	PEACOCK, PHILIP GEORGE	Messrs. Abram Lyle & Sons, Plais-
1909. A.M.		tow Wharf, Victoria Docks, E.
1904. G.)	PEAM, FERDINAND	Peel-Conner Telephone Works Ltd.,
1907. A.M.		Adelphi, Salford, Manchester.
1908.	PEARSALL, RALPH HOWARD	Glaed Hame, Letchworth, Herts.
1908.	PEARSON, GEORGE ARMSTRONG	Municipal Technical Institute, Hull.
		Hazelford, Turncroft Lane, Stock-
1903.	PEARSON, HARRY	
1000	D T- D	port.
1908.	PEARSON, JOHN BARRINGTON	58 Eldon St., Newcastle-on-Tyne.
1908.	PECK, HERBERT HORACE	Surrey Lodge, Henley-on-Thames.
1901.	PECKETT, ARTHUB	46 King William St., E.C.
1906.	PEET, HENRY CHARLES	112 St. Saviour's Road, Leicester.
	,	
1906.	PEIRCE, HARRY BOYD	General Supt., Public Works Workshops, Mint Buildings,
1500.	I BIRCE, HARRI DOID	
		Madras.
1908.	PEMBERTON, ALFRED	Messrs. Fraser and Chalmers,
1500.		Erith, S.O., Kent.
1901.	PERCY, FRANK	Mining College, Wigan.
1000 0		(Rochdale Technical School, Roch-
1899. G.)	PEREGRINE, WILLIAM HENRY	delas and Manchester Pd Pum
1901. A.M.	I mindittin, " I militar timiti	dale; and Manchester Rd., Bury,
		Lancs.
1904.	PERKINS, ALBERT WILLIAM	Stoneleigh, Long Lane, Finchley,
		N.
1901.	PERKINS, WILLIAM JOHN	26 Victoria St., Westminster, S.W.
1000		Messrs. Alexander Penney & Co.,
1909.	PERRIN, ALFRED THOMAS	107 Fenchurch St., E.C.
	_	
1907.	PERRY, GEORGE	Fletchers Chbrs., Fore St., Bir-
	(Denny Hanney Denny	mingham.
1902.	PERRY, HERBERT DUNCAN	10 Warwick Gardens, Kensington,
	SMITH	
1005		(W.
1905.	PERRY, THOMAS WILLIAM	Public Works Dept., Cape Town,
1905.	PERRY, THOMAS WILLIAM	Public Works Dept., Cape Town, Cape Colony.
	PERRY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. (Nelson Iron Works, Great Yar-
1893.	PERRY, THOMAS WILLIAM	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yar- mouth. [Pertwee, Great Yar-
1893.]	PERRY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.]
1893.]¹ 1894. G.)	PERRY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.]
1893.] 1894. G. 1899. A.M.	PERTY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yar- mouth. [Pertwee, Great Yar- mouth. 0178.] Works Manager, Nautilus Works,
1893.]¹ 1894. G.)	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.]
1893.] 1894. G. 1899. A.M.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C.
1893.] 1894. G.) 1899. A.M.) 1902. 1906.	PERRY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast.
1893.] 1894. G. 1899. A.M.)	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton
1893.] 1894. G.) 1899. A.M.) 1902. 1906.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport.
1893.] 1894. G.) 1899. A.M.) 1902. 1906.	PERRY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. 1/2 o Messrs. Thos. Evans & Son,
1893. G. 1894. G. 1899. A.M.) 1902. 1906.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. 1/2 Messrs. Thos. Evans & Son, 1/3 North St., Poplar, E.
1893. [1894. G.] 1894. A.M.] 1899. A.M.] 1906. 1906.	PERRY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD PEYRECAVE, GASTON RENE DE	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. 1/2 Messrs. Thos. Evans & Son, 1/3 North St., Poplar, E.
1893. G. 1894. G. 1899. A.M.) 1902. 1906.	PERRY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD PEYRECAVE, GASTON RENE DE	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. c/o Messrs. Thos. Evans & Son, 82 North St., Poplar, E. Messrs. Rendel and Robertson, 8
1893. [1894. G.] 1894. A.M.] 1899. A.M.] 1906. 1906.	PERRY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yar- mouth. [Pertwee, Great Yar- mouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. 6/0 Messrs. Thos. Evans & Son, 82 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster,
1893. ' 1894. G. 1899. A.M.) 1902. 1906. 1906.	PERRY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. (c/o Messrs. Thos. Evans & Son, 82 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W.
1893. [1894. G.] 1894. A.M.] 1899. A.M.] 1906. 1906.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD PEYRECAVE, GASTON RENE DE PEYTON, WILLIAM CHRISTIAN PHELPS, GEORGE INGRAM DE RUSSAG	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. (c/o Messrs. Thos. Evans & Son, 32 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W. (23 Augustus Road, Edgbaston,
1893. ' 1894. G. 1899. A.M.) 1902. 1906. 1906.	PERRY, THOMAS WILLIAM WESTON	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. (c/o Messrs. Thos. Evans & Son, 32 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W. (23 Augustus Road, Edgbaston, Birmingham.
1893. ' 1894. G. 1899. A.M.) 1902. 1906. 1906.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD PEYRECAVE, GASTON RENE DE PEYTON, WILLIAM CHRISTIAN PHELPS, GEORGE INGRAM DE BRISSAC	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yar- mouth. [Pertwee, Great Yar- mouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. c/o Messrs. Thos. Evans & Son, 82 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W. 23 Augustus Road, Edgbaston, Birmingham. Westeroft, Woldingham, S.O.,
1893. ' 1894. G. 1899. A.M.) 1902. 1906. 1906. 1906. 1908. 1909.	PERTY, THOMAS WILLIAM WESTON PERTWEE, HERBERT ARTHUR PETTER, PERCIVAL WADDAMS PETTIT, ARTHUR EDWARD PETTIT, CHARLES WILLIAM PETTIT, WALTER RICHARD PEYRECAVE, GASTON RENE DE PEYTON, WILLIAM CHRISTIAN PHELPS, GEORGE INGRAM DE RUSSAG	Public Works Dept., Cape Town, Cape Colony. Nelson Iron Works, Great Yarmouth. [Pertwee, Great Yarmouth. 0178.] Works Manager, Nautilus Works, Yeovil. [Petter, Yeovil.] 8 Old Jewry, E.C. Water Works, Accra, Gold Coast. Ennerdale, Heathfield Rd., Heaton Moor, Stockport. (c/o Messrs. Thos. Evans & Son, 32 North St., Poplar, E. Messrs. Rendel and Robertson, 8 Great George St., Westminster, S.W. (23 Augustus Road, Edgbaston, Birmingham.

Date of	Election	la .	
1897.		PHILLIPS, EDWIN GRANT	Conde de Aranda 1, bajo, Madrid, Spain.
1905.		PHILLIPS, Captain FRANK HUGH, A.O.D	Gibraltar.
1904.		PHILLIPS, WALTER HENRY	Messrs. Truman, Hanbury, Buxton & Co., Black Eagle Brewery,
1899.		PHILLOTT, GEORGE HENRY	Burton-on-Trent. 13 Promenade, Cheltenham.
1899. 1902.	A.M.	PHILPOT, HAROLD I ERCI	Engineering Laboratory, University College, Gower St., W.C.
1903. 1909.		PICKERING, WILLIAM SELLERS PICKFORD, FRED	Messrs. Willey & Co., Exeter. The University, Manchester.
1909.		PICKVANCE, WILLIAM GRIEG-	Borough Elect. Eng., Electricity Works, Willow Road, Wrexham.
1908.		PIDGEN, ALBERT	The Fairbanks Co., 78 City Rd., E.C.
1899.		PIGOTT, ARTHUR	14 Bank Chambers, Fargate, Sheffield.
1902. 1906.	A.M.}	PIMM, ARTHUR WATSON	Tixall Cottage, Tixall, Stafford.
1907.		PINFIELD, WILLIAM VICKERY	1 St. Albans Rd., Moseley, Birming- ham.
1908.		PING, HAROLD JOHN	16 Queen's Road, South Norwood, S.E.
1901.		PINKNEY, THOMAS SAMUEL	Church Field Lane, Radford, Not- tingham.
1908.		PINSENT, SIDNEY HUME	Messrs. Franklin, Herrera and Co., 417 Bartolomé Mitré, Buenos Aires, Arg. Rep.
1906.		PITCAIRN, FRANCIS BERNARD	Eng., Water Works, Shanghai, China.
1909.		PITKEATHLY, JAMES SCOTT	Electrical Inspector, Govt. of the United Provs., Allahabad, India.
1906.		PITT, JAMES DAVIES	Wolseley Tool & Motor Car Co., Adderley Park, Birmingham.
1907.		PITT, PHILIP SEPTIMUS	132 Dora Road, Wimbledon Park, S.W.
1902.	<i>a x</i>	PITTAR, ALBERT VYVYAN	P.O. Box 5627, Johannesburg, Transvaal.
1900. 1903.	A.M.}	PLAISTER, WILLIAM EDWARD	Motor Works, Station Rd., Wood Green, N.
1900.		PLANT, DAVID THOMAS	Messrs. Easton Gibb & Son, H.M. Dockyard, Rosyth, Inverkeithing, Fifeshire.
1900. 1906.	G.)	PLANTE, STANLEY GEDGE	Engineering Standards Committee, 28 Victoria St., Westminster, S.W.
1908.	1	PLATT, Lieut. RALPH ERNEST, R.A.	Ordnance Dept., Tempe, O.R.C., South Africa.
1897.		PLAYER, RALPH	Messrs. J. Wright & Co., 124 Victoria St., Westminster, S.W.
1908.		Pochin, Edward Arnold	Trafford Park, Manchester.
1903.		Pocock, James Herbert {	Messrs. Willans & Robinson, Victoria Works, Rugby.
1904.		Podesta, John James	Patent Axlebox and Foundry Co., Wednesfield Foundry, Wolver- hampton.
1903. 1907. <i>A</i>	G.) A.M.)	Poignand, Francis Nesbitt	Mechanical Dept., Erie Railroad, Meadville, Pa., U.S.

		Messrs. Lund Bros. & Co., 78 and
1905.	Polden, Francis Charles	80 Queen Victoria St., E.C. [1219 Central.]
1906.	Pole - Wedlake, Reginald William	Sir W. G. Armstrong, Whitworth & Co., Openshaw, Manchester.
1907.	POLGLASE, ARTHUR HEDLEY	111 Norwood Crescent, Bradford Rd., Shipley.
1896.	POLLARD, FERDINAND JOSEPH	P. O. Box 2485, Johannesburg, Transvaal.
1904. 1902.	PONTIFEX, BEAUMONT POOLE, RICHARD	6 Upham Park Rd., Chiswick, W. 42 Cherington Rd., Hanwell, W.
1905.	Pope, Ashley Philip	Messrs. Johnson & Phillips, Victoria Works, Old Charlton, Kent.
1903.	PORTER, EUSTACE WILLIAM	Engineer's Office, L. & S.W. Rly., New Dock Works, Southampton.
1905.	PORTER, RALPH CLASSON	University Power Station, Edg- baston, Birmingham.
1897.	PORTER, STANLEY WILLIAM	32 Queen Victoria St., E.C.
1905.	POTTER, HENRY SAMUEL	33 Haringey Rd., Middle Lane, Hornsey, N.
		Works Manager, Messrs. J. Beard-
1909.	Poulton, William	shaw & Son, Baltic Steel Works, Sheffield.
1907.	Powell, Arthur Crannage	31 Wortley Rd., High Green, Sheffield.
1895.	POWELL, BENJAMIN NEWTON	Manager, Lidgerwood Manufactur- ing Co., Soerabaya, Java.
1903.	POWELL, CHARLES SKRYNE	165 Broadway, New York, U.S. (c/o Sir Alexander B. W. Kennedy,
1900.	POWELL, DAVID THOMAS	17 Victoria St., Westminster, S.W.
1899.	POWELL, ERNEST BRECON	Messrs. Whitehead & Co., Portland Harbour Torpedo Works, Wey- mouth.
1907.	POWELL, FRANK EDWARD	Auckland Harbour Board, Auckland, N.Z.
1907.	POWELL, HERBERT JAMES BINGHAM	Calle Quilca 316, Lima, Peru.
1906.	POWELL, LLEWELLYN HENRY	31 Elmfield Road, Bromley, Kent.
1907.	POWELL, WILLIAM HENRY	Alexandra (Newport and S. Wales) Docks and Rly., Newport, Mon.
	POWELL, WILLIAM HOWARD	Messrs. McKenzie & Holland, 18
1906.	HINTON	Bank Bldgs., St. Mary St., Cardiff.
1903.	POWNALL, JOHN EDMUND	Boro' of Hampstead Electricity Dept., Lithos Rd., Finchley Rd., N.W.
1899.	Powrie, William Lyall	Messrs. Furnival & Co., 32 St. Bride St., E.C.
1898.	PRANCE, CYRIL ROOKE	Mamiaanshoek, Zwagershoek P.O., Nylstroom, Transvaal.
1902. G.) 1909. A.M.)		Manager, Messrs. Pratchitt Bros., Denton Iron Works, Carlisle.
1906.	PRATT, HARRY KEAY	Claremont, Rugeley.
1898. G.) 1905. A.M.	PREEN, ARTHUR HARVEY	4 Crown Toe., Cricklewood Lane, Cricklewood, N.W.
1901.	PRESTWICH, JOHN ALFRED	1 Lansdowne Rd., Tottenham, N.
1901. G.) 1907. A.M.	PREVOST, ALFRED THOMAS	Messrs. A. & J. Main, P.O. Box 5400,
		Johannesburg, Transvaal.

1902.	PRICE, ALBERT EDWARD	George Price's Safe Co., Church Lane, Wolverhampton. [Safes, Wolverhampton. 225.]
1909.	PRICE, REGINALD SHERLEY	Messrs. Wheatley Kirk, Price & Co., 46 Watling St., E.C.
1900.	PRICE, ROWLAND	Cordite Factory, Aruvankadu, Nilgiris, India.
1893. G.) 1899. A.M.	PRICE, WILLIAM FREDERICK	Callender's Cable and Construction Co., Hamilton House, Victoria Embankment, E.C.
1904.	PRIDEAUX, FRANCIS GREVILE	Engineer's Office, G. S. & W. Rly., Inchicore, Dublin.
1899. G.) 1901. A.M.	PRITCHARD, ROGER CROMWELL	55 Highbury New Park, N.
1902.	PRITCHARD, WILLIAM ELIAS	13 Victoria Park, Bangor.
1907.	PROBERT, ERNEST	230-1 Bradbury Bldgs., Los Angeles, Cal., U.S.
1903.	PROCTER, CHARLES GILBERT	1 Ranelagh Gardens, Fulham, S.W.
1899. G.) 1903. A.M.	PROSSER, ROBERT WALTER OSTELL	108 South Hill Park, Hampstead, N.W.
1903.	PRÜSMANN, CARL ADOLF LOUIS	Boro' Electrical Eng., Strand, Swansea.
1901.	PRYOR, HENRY ALLEN	770 and 72 Chancery Lane, W.C.
1899.	Pugh, John Vernon	[Patent, London. Holborn 243.] Guiting House, Allesley, Coventry.
1907.	Pulleine, John James	Bog Mines Ltd., Minsterley, Shrewsbury.
1907.	PULLIN, JOSEPH ALEXANDER	§201 High Street, Smethwick, Birmingham.
1905.	PULSFORD, FREDERICK CHARLES	269 Humberstone Rd., Leicester.
1902.	PULVERTAFT, ROBERT GEORGE	(119 and 120 George's St., Cork. [384.]
1908.	PURNELL, WALTER HENRY	Messrs. Herbert Morris and Bastert, Empress Works, Loughborough.
1901. G.) 1904. A.M.	PURSE, FREDERICK WALTER	Electricity Works, Watford.
1904. G.)	Dungay Hannan Calary	(Calcutta Tramways Co., Calcutta,
1907. A.M.	Pursey, Herbert Stanley	India.
1900. 1901.	PURVES, WILLIAM THOMPSON PYE, JOSEPH HARGER	13 Albany St., Edinburgh. [1259.] Manager, Gas Works, Clevedon.
1001	I II, O ODBITE IIIIIII	(Eng. and Manager, City of Chi-
1906.	Pye, Thomas Ebenezer	chester Gas Co., Stockbridge Rd., Chichester.
1908.	PYNE, FREDERICK DENNIS	Burma Eng. and Trading Co., 73 Merchant St., Rangoon, Burma.

1905.	QUELCH, ARTHUR TEMPLE	Manganese Bronze & Brass Co., St. David's Wharf, Millwall, E.
1905.	QUICK, ALBERT HEDLEY	Engineer's Dept., L.C.C., Spring Gardens, S.W.
1904.	QUINE, FREDERIC CARLYLE	

Date of Election	•	
1906.	RADCLIFFE, JOHN JAMES	Messrs. Thomas Robinson & Son, Railway Works, Rochdale.
1903.	RAINER, EDWARD ALLAN	West Tower, Norwich Rd., Ipswich.
1897. G.)		Messrs. D. Napier & Sons, Acton Vale Works, Acton, W.
1901. A.M. § 1902.	RANKIN, ERNEST ALFRED	Somerville, Bourton, Dorset.
1909.	RANKIN, EUGENE	{21 Gloucester Road, Norbiton, Surrey.
1906.	RAPPOPORT, FREDERICK GERALD	Russian Petroleum and Liquid Fuel Co., Baku, Russia.
1909.	RAPSON, BENJAMIN	S. M. Car Syndicate, 9A Hythe Rd., Willesden, N.W.
1900. G.)	RASEY, ALFRED ERNEST	Manager, Messrs. Mellowes & Co., Sheffield.
1901. A.M. 5	RAWORTH, ALFRED	22 Cooper Street, Manchester.
1907.	RAWSON, CHARLES HENBURY	1374 King Street, Hammersmith, W.
1908.	RAYNER, JOHN MERRICK	Hibernia, West Rd., Westeliff-on- Sea.
1902.	READ, CHARLES MACARINEY	Managing Eng., Cape Peninsula Lighting Co., Central Power Station, Claremont, Cape Colony.
1895. G.) 1899. A.M.	READ, GEORGE HENRY	39 Lambton Rd., Wimbledon.
1904.	REAY, EDWARD	High Level Quarry, Corbridge-on-
1899.	REDDING, WALTER	Ingfield, Jackson Avenue, Gled- how, Leeds.
1892. G.) 1897. A.M.)	REDFERN, CHARLES GEORGE	[4 South Street, Finsbury, E.C. [Invention, London. Central 4492.]
1908.	REDFERN, CHARLES JULIAN	Harley House, Oxford Rd., Man- ningtree.
1903.	REDMAN, SYDNEY GEORGE	15 Osborne Terrace, Gosforth, New-castle-on-Tyne.
1907.	REED, CYRIL ERNEST	13 School Lane, Heaton Chapel, Manchester.
1906.	REEVE, JAMES	Messrs. Vickers, Sons & Maxim, 34 Victoria St., Westminster, S.W.
1904.	REEVE, ROBERT JOHN ROBEY	c/o G. H. Hall, County Carriage Works, Newcastle-on-Tyne.
1906.	Reid, Frederic	Loco. Supt., Eastern System, Govt. Rlys., East London, Cape Colony.
1905.	REID, JOHN ALEXANDER	Chief Eng., Cannon Brewery Co., St. John St., Clerkenwell, E.C.
1902.	Reid, John Wilson	Messrs. Aspinwall & Co., Cochin, Malabar Coast, India.
1904.	REMINGTON, ALFRED ARNOLD	Wolseley Tool and Motor Car Co., Adderley Park, Birmingham.
1898. G. 1902. A.M.	RENNIE, JOHN ASSHETON	Messrs. G. Rennie & Co., Green- wich Iron Shipbuilding Yard, Thames St., Greenwich, S.E.
1903.	REW, REGINALD JOHN	66 Mount Pleasant Rd., Exeter.
1903.	REXWORTHY, HAROLD SIBREE	East Ferry Rd. Engineering Works, Millwall, E.
1901.	REYNOLDS, ALFRED MILWARD	Messrs. John Reynolds & Sons, Newtown Row, Birmingham.

1909.	REYNOLDS, BERTIE	Taff Vale Rly. Works, Bute St., Cardiff.
1906.	RHODES, EDGAR	Manager, Romapac Tramway Con- struction Co., 24, Meadow Lane, Leeds.
1908.	RHODES, SAMUEL COLEY	Gordon College, Khartoum, Soudan, Egypt.
1906.	RICHARDSON, DAVID	Northern Polytechnic, Holloway Rd., N.
1909.	RICHARDSON, THOMAS KNOWLES	Electricity Works of St. Maryle- bone Council, Edgware Rd., N.W.
1893.	RICHEY, WILLIAM FREDERICK ALBERT	Messrs. Chance Brothers & Co., Lighthouse Works, near Bir- mingham.
1904.	RICHMOND, WILLIAM PEARSON	Green Bank, Colne.
1904.	G. RICKIE, JAMES HEPBURN	Burma Railways Co., Rangoon,
1908. A	RIDGWAY, GEORGE	Asst. Loco. Eng., Dublin & S.E. Rly., Upper Grand Canal St., Dublin.
1892.	G.) Province Transport	(Swalwell Steel Works, Newcastle-
1900. A		on-Tyne.
1896.	RIETER, E. HENRY	Via Magenta 17, Turin, Italy.
1904.	RIGBY, THOMAS	Messrs. Crossley Brothers, Open- shaw, Manchester. (United Legal Indemnity Insurance
1908.	RIGGS, ABTHUR LEVI	Society, 222–225 Strand, W.C.
1909.	RILEY, FRANK	Elton Iron Works, Bury, Lancs.
1909.	RIOCH, ROBERT JOHN	315 Wells Rd., Knowle, Bristol.
1904.	RIPLEY, HERBERT	Airedale Pattern Works, Meadow Lane, Leeds; and 53 Mexborough St., Leeds.
1902.	RITCHIE, ANDREW MACKIE	P.O. Box 38, Krugersdorp, Trans- vaal.
1901. 1904. A.	G.) RITCHIE, JOHN MCAUSLAN	Bingham, Parramatta, New South Wales.
1905.	RITCHIE, MARRIOTT CLAUDE	Bow Lane (City) Machinery Co., 44 Bow Lane, Cheapside, E.C.
1901.	RITCHIE, THOMAS EDWARD	179 Barton Rd., Stretford, Man- chester.
1901.	RIVIERE, PHILIP LYLE	Messrs. Kennedy & Jenkin, 17 Victoria St., Westminster, S.W.
1903.	RIX, GAYFORD	Siemens Bros. Dynamo Works Ltd., Caxton House, Tothill St., Westminster, S.W.
1907.	ROBARTS, GEORGE FREDERICK WILLIAM	16 Hughenden Rd., Clifton, Bristol.
1905.	G.) ROBARTS, HERBERT PRIESTLEY	Oficina Curico, Pampa Central,
1906. A.	,M.)	Antofagasta, Chile. (Chief Eng., Messrs. Henry Bruce &
1903.	Rовв, John	Sons, Kinleith Paper Mills, Currie, R.S.O., Midlothian.
1903.	Robb, William	L.C.C. School of Marine Engineer- ing, High St., Poplar, E.
1903.	ROBERTS, CHARLES DRURY	Redbourne, The Park, East Molesey, S.O., Surrey.
1905.	ROBERTS, HENRY JAMES	Assist. Loco. Supt., Port Talbot Rly. & Docks Co., Port Talbot.
1907.	ROBERTS, JAMES	Messrs. Hayward, Tyler & Co., 99 Queen Victoria St., E.C.

1908.	ROBERTS, JOHN	Drawing Office, Gt. Central Rly.,
		Gorton, Manchester. (Manager, Melbourne Tramway and
1903.	ROBERTS, JOSEPH	Omnibus Co.'s Car Factory, 27 Scotchmer St., N. Fitzroy, Mel- bourne, Victoria.
1899.	ROBERTS, PERCY ROPER	Sutton Hall, Woodbridge.
1903.	ROBERTS, TREVOR	Office of Supt. of the Line, G.W. Rly., Paddington, W.
1904.	ROBERTS, WILLIAM POULTER	Divi Pumping Project, Avinigudda P.O., Kistna District, India.
1903.	ROBERTSON, GEORGE FINDLAY	National Boiler Insurance Co., 22 St. Ann's Sq., Manchester.
1908.	Robertson, Herbert	Supt. Eng., Messrs. E. H. Hunter & Co., 14 Honden Nibaucho Nishiku, Osaka, Japan.
1907.	ROBERTSON, HUGH, Jun	c/o Port Officer, Port Office, Rangoon, Burma.
1906.	ROBERTSON, JAMES ALEXANDER	Lune View, Bold St., Fleetwood.
1906.	ROBERTSON, JAMES FRENCH	Messrs. Burn & Co., Howrah Iron
1909.	Robertson, John	Works, Howrah, Bengal. Messrs. J. Stone & Co., Deptford, S.E.
1903.	ROBERTSON, JOHN MURRAY	Messrs. J. M. Robertson & Co.,
1906.	ROBERTSON, RUDOLPH ALEX-	Simla, India. Maijan Tea Estate, Dibrugarh P.O., Assam, India.
1900. G.) 1906. A.M.)	ROBERTSON, WALTER HENRY)	Lynton Works, Bedford.
1905.	ROBERTSON, WILLIAM DUNLOP	Engineer's Dept., St. James' Gate Brewery, Dublin.
1904.	ROBEY, ERNEST WILLIAM	Avebury House, Newhall St., Birmingham.
1908.	ROBINSON, FREDERICK HAROLD	Singapore Electric Tramway Co., Singapore, Straits Settlements.
1903. G.) 1905. A.M.)	ROBINSON, ISAAC VINCENT	[17 Victoria St., Westminster, S.W. [Millivolt, London. 3374 Victoria.]
1909.	ROBINSON, LESLIE HAMPTON	Messrs. Willans & Robinson, Victoria Works, Rugby.
1909.	ROBINSON, PHILIP SEYMOUR	Messrs. T. Robinson & Son, Rail- way Works, Rochdale.
1901.	ROBINSON, SYDNEY GREEN-	Messrs. F. L. Smidth & Co., Palace Chbrs., 9 Bridge St., Westminster, S.W.
1903.	ROBINSON, THOMAS HENRY	Rushley, Chesterfield.
1906.	ROBSON, GEORGE	(Loco. & Wagon Supt., Messrs.Guest,
1908.	Robson, John	Keen & Nettlefolds, Dowlais. 26 Dalhousie Square, Calcutta.
1905.	Robson, John Henderson	L.C.C. School of Marine Engineer- ing, High St., Poplar, E.
1904.	Robus, George Henry	Norfolk House, Norfolk St., Strand, W.C.
1901.	Rock, James Parthenay	Messrs. L. Lumley & Co., 1 America Sq., Minories, E.C.
1907.	RODD, Captain WILLIAM JAMES PAULO, A.O.D	Halifax Club, Halifax, Nova Scotia.
1898.	Rodda, Joseph Tonkin	Water Works Supt., 14 Seaside Rd., Eastbourne.

1903.	Roe, Harrison	Ropeways Ltd., Eldon St. House, South Place, E.C.
1900.	ROFE, WILLIAM	8 Victoria St., Westminster, S.W.
1904.	ROGERS, ERNEST HENRY	c/o John Jackson, Torrington.
1904.	ROGERS, ERNEST NORMAN	Messrs. W. F. Weyburn & Co., Trinity Bldg., Broadway, New York, U.S.
1897.	ROGERS, WILLIAM IVY	Merlin Cycle Co., Spon St., Coventry.
1897.	Rolf, George	Midland Chbrs., 17 Westgate Rd., Newcastle-on-Tyne.
1907.	Rollo, George, Jun	Fulton Engine Works, Liverpool.
1908.	Rolls, The Hon. CHARLES STEWART	Messrs. Rolls-Royce, 14 and 15 Conduit St., W.
1903. G.)		Cordoba Light Power & Traction
1906. A.M.		Co., Cordoba, Arg. Rep. (160 Calle Saenz, Lomas de Zamora,
1905.	Roscoe, Edwin Borton	Buenos Aires, Arg. Rep.
1903.	Rose, Alexander	Samsen Dock & Engineering Co., Bangkok, Siam.
1909.	Rose, George Falconer (Life Associate Member)	38 Clive Row, P.O. Box 150, Cal-
1901.	Rose, Sydney Durrant	cutta, India. Rose's Ranch, Balfour, British
1301.		Columbia. (201 West 117th Street, New York,
1905:	ROSENBERG, HERBERT MORRIS	U.S.
1902. G.)		c/o The Agent, H.H. Nizam's Guaranteed State Rly., Secun-
1904. A.M.	MICHAEL BARBANEL	derabad, India.
1903.	Roseveare, Leslie	Borough Engineer, South Shields.
1896. G.)	ROSEVERE, GERALD RHODES	Austin Motor Co., Longbridge Works, Northfield, Birmingham.
1899. A.M. 5	Rosevere, Reginald George	Loco. Dept., Mid. Rly., Derby.
1908.	Rosher, Noël Burn	JUnion Chambers, Temple Row,
		(Highelere Motor Car Syndicate,
1909.	Ross, Charles Aldworth	Highelere, Newbury.
1895.	Ross, Ernest Sydney	Chief Inspector of Machinery, Public Offices, Hobart, Tas- mania.
1901.	Ross, Frederick George	Nesbit Rd., Mazagon, Bombay. (Westminster Electric Supply
1904.	ROSSITER, WILLIAM MORGAN	Corpn., Davies St. Station, May- fair, W.
1884. G.)	RODY PART LOUIS	54 Boulevard du Temple, Paris.
1898. A.M.	Roux, Paul Louis	
1899.	ROWE, JOHN	1 Dean Villas, Camborne. 4 Pipe Rd., Kidderpore, Calcutta.
1905.	Rowe, Patrick	(Messrs. Warne, Wright & Rowland,
1907.	ROWLAND, JOHN DAVID	Watery Lane, Birmingham.
1907.	ROWLEDGE, ARTHUR JOHN	Wolseley Tool & Motor Car Co., Adderley Park, Birmingham.
1905.	ROYDS, ROBERT	Glasgow and W. of Scotland Technical College, Glasgow.
1904.	RUDD, EDWARD WHITTEN	Messrs. T. Coulthard & Co., 26 Page St., Westminster, S.W.
1001,	THE THE THE THE TENT	[5324 West.]
1901.	RUDDER, FRANK PERCY	8 Grove Terrace, Osmaston Rd., Derby.

Date	of	Election	
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1896.	Ruffle, Frank Felingham	Messrs. Bird & Co., Clivè St., Cal- cutta.
1902.	ERSKINE	74 Clovelly Mansions, Gray's Inn Rd., W.C.
1906.	Rushworth, David	Chief Mech. Eng., Fuel Economiser Dept., Clay Cross Co., near Chesterfield.
1901.	RUSHWORTH, GEORGE WIL-	Brown St., Colne.
1907.	RUSSELL, ROBERT MILLAR {	Messrs. Burn & Co., Howrah Iron Works, Howrah, Bengal.
1906.	RUTTY, HUGH LESLIE	Bassishaw House, Basinghall St., E.C.
1904.	Ryan, John	78 Avenue de la Grande Armée, Paris, France.
1897.	RYCROFT, JOHN EDWARD	Engineering Dept., Technical College, Bradford.

1901.	SACCAGGIO, PIETRO CELESTINO	Chief Electrical Eng., Estacion Los Talleres, Ferro Carril del Sud, Buenos Aires, Arg. Rep.
1894.	SALIS, HENRY RODOLPH DE	Ivy Lodge, Iver Heath, near Ux- bridge.
1903.	SALTER, JOHN RUFFELL	Atherton, Lancashire.
1901. G.) 1904. A.M.	Sandaljian, Bedros	Westminster Station, Vermont, U.S.
1897.	SANDERS, GEORGE	Brancepeth Colliery, Willington, S.O., Co. Durham.
1903.	SANDERS, GEORGE ERNEST	P.O. Box 260, East London, Cape Colony.
1909.	SANDERS, GEORGE JAMES	Grasmere, Montague Rd., West Ealing, W.
1904. G.) 1907. A.M.	SANDERS, PERCY ALAN	British Westinghouse Co., Trafford Park, Manchester.
1899. G.	SANDERSON, HERBERT WIL-	53 Victoria Street, Westminster,
1903. A.M.	LIAM	S.W.
1902. 1906.	SANDFORD, JOHN SANKEY, BERNARD	3 Limerick Rd., Redland, Bristol. Electricity Works, Whitehaven.
		(Chief Eng., Lucknow Iron Works,
1909.	Sanyal, Rajendra Nath	Lucknow, India.
1903.	Saunders, Albert Frank	Messrs. Saunders & Stuart, Australasia Chambers, Sydney, N.S.W.
1904 G	SAUNDERS, CHARLES HENRY	(Dist. Loco. Supt., Madras & S.
1907. A.M.		Mahratta Rly., Guntakul,
,		Madras Presidency.
1908.	SAUNDERS, FREDERICK WAL- TER THEODORE	Managing Eng., Powellising Co., Rangatua, North Island, New
	,	Zealand. (Union Works, 60 Park St., South-
1904.	Sauvée, Leon Louis	wark, S.E. [Sovez, London. 2265 Hop.]
1908.	SAVIDGE, JOSEPH EDWARD	Finsbury Technical College, Leonard St., City Rd., E.C.
1907.	SAVORY, GERALD	Teddington Motor Car and Launch Works, Teddington.

of Electrical Eng., Estacion os Talleres, Ferro Carril del id, Buenos Aires, Arg. Rep. Lodge, Iver Heath, near Uxidge. erton, Lancashire. tminster Station, Vermont, ncepeth Colliery, Willington, O., Co. Durham. Box 260, East London, Cape olony. smere, Montague Rd., West aling, W. sish Westinghouse Co., Trafford rk, Manchester. Victoria Street, Westminster, W. merick Rd., Redland, Bristol. tricity Works, Whitehaven. ef Eng., Lucknow Iron Works, ucknow, India. srs. Saunders & Stuart, Australia Chambers, Sydney, N.S.W. Loco. Supt., Madras & S. ahratta Rly., Guntakul, adras Presidency. naging Eng., Powellising Co., angatua, North Island, New ealand. on Works, 60 Park St., Southark, S.E. [Sover 265 Hop.] sbury Technical [Sovez, London. College, conard St., City Rd., E.C.

Date of Election	•	
1902. G.)	SAXBY - THOMAS, HUMBERT	(Assist. Loco. & Carr. Supt., Burma
1909. A.M.	George	Rlys. Co., Insein, Burma.
		(13 Western Parade, Southsea,
	SAYE, KENNETH NOEL	Portsmouth.
1906. A.M.	•	
1908.	SAYER, SYDNEY	Messrs. W. H. Allen, Son and Co.,
		Khartoum, Egypt.
	-	c/o Max Gorler, Messrs. Brandeis,
1893.	Schloesser, Robert	Goldschmidt & Co., 60 Queen
		St., Melbourne, Victoria.
1906.	SCHOEBERLEIN, FRITZ	Director of Works Dept., H.M.
1900,	SCHOEBERDEIN, PRIIZ	Dockyard, Chatham.
		(Res. Electrical and Tramways
1904.	SCHOFIELD, SAMUEL DEAN	Eng., Urban District Council,
	,	Electricity Works, Shipley.
4000	~ ***	Otis Elevator Co., 4 Queen Victoria
1900.	SCHUTTE, FRANCIS ALBERT	St., E.C.
1902. G.)		(Messrs. B. R. Rowland & Co.,
1906. A.M.	Scorer, Arthur Bruce	Reddish, Stockport.
1905. A.M.,	SCOTT, FREDERICK WILLIAM	122 Cannon St., E.C.
1900.	Scott, Prederica William	
1000	Caronina Harrana	Manager, Messrs. J. Chambers &
1902.	SCOTT, HENRY	Son, 165 St. Asaph St., Christ-
		church, N.Z.
1897.	SCOTT, NEWTON L	3 Pancras Lane, E.C. [Scophot,
20011	, , , , , , , , , , , , , , , , , , , ,	London. 8036 Bank.]
1899.	SCOTT, ROBERT	sc/o Archibald Leitch, Argyll Arcade,
1099.	booti, mobiliti.	30 Buchanan St., Glasgow.
1005	SCOTT, WOOLBY LOCKWOOD	Messrs. Ransomes, Sims & Jefferies,
1905.	Scorr, Wooder Lockwood	Orwell Works, Ipswich.
1005	(SCOTT - LINDSLEY, HERBERT	(Messrs. McKenzie & Holland,
1907.	LLEWELLYN	Worcester.
	(SCRIVENER, RALPH SAMUEL	(c/o Messrs. Thos. Cook & Son,
1909.	RAVENSCROFT	Calcutta, India.
1903. G.)		Rezende & Penhalonga G.M. Co.'s,
1907. A.M.	SEAGER, FRANCIS PERCY	Penhalonga, Umtali, Rhodesia.
1908.	SEAGRIEF, CHARLES WILLIAM	95 Chobham Rd., Stratford, E.
1900.	SEAGRIEF, CHARLES WILLIAM	(Sir W. G. Armstrong, Whitworth
		& Co., 8 Gt. George St., West-
1899.	SECCHI, LEOPOLD	
	,	minster, S.W.; and 14 Veronica
		Rd., Balham, S.W.
1908.	SECKER, JOHN HUGH	Manager and Eng., Slough Water
		Works, Slough.
1906.	SELLER, EDWARD	2 Park Crescent, Erith, S.O., Kent.
1903.	SEMARK, CHARLES HENRY	Faversham Iron Works, Faversham.
1907.	SEMPLE, ROBERT	Braehead, Johnstone.
1006	SEWELL, HERBERT WILLIAM	sc/o Col. T. Davies Sewell, Temple
1906.	DEWELL, LIEUDING THE THE	House, Temple Avenue, E.C.
1006	SEYMOUR, EDWIN SHIRLEY	12 Manley St., Higher Broughton,
1906.	SEIMOUR, INDWIN SHIRDEI	Manchester.
		(Electrical Dept., Sir W. G.
	G	Armstrong, Whitworth & Co.,
1907.	SEYMOUR, GEORGE EDGAR	Elswick Works, Newcastle-on-
		Tyne.
1892. G.)	SEYMOUR, WILLIAM FREDERICK	H.M. Inspector of Factories, 91A
1896. A.M.	EARL	Fishergate, Preston.
	SHACKLETON, ERNEST	101 Hollydale Rd., Peckham, S.E.
1904.	(SHADWELL, LANCELOT HORACE	(Natal Govt. Harbour Dept., Port
1901.	Augustus	Natal, S. Africa.
		Maple Hayes, Mussoorie, U.P.,
1903.	SHANAN, CHARLES HENRY	India.
		(*************************************

-		(Sir W. G. Armstrong, Whitworth
1907.	SHAPTON, NORMAN WILLIAM	& Co., 8 Great George St., West- minster, S.W.
1898. G.) 1906. A.M.)	SHARP, WILLIAM	Messrs. A. & J. Main & Co., Clydes- dale Iron Works, Possilpark, Glasgow.
1906.	SHARPE, GERALD	Considère Construction Co., 5 Victoria St., Westminster, S.W.
1901. G.) 1905. A.M.)	SHARPLEY, REGINALD	Inschfield, Weybridge.
1903.	SHARB, FRANCIS JOSEPH	18 Park Row, Leeds.
1905.	SHAVE, GEORGE JAMES	S. M. Car Syndicate, 94 Hythe Rd., Willesden Junction, N.W.
1907.	SHAW, ARTHUR HENRY	(Electricity Supply and Tramways Offices, Ley St., Ilford. (City Electrical Eng., Corpn.
1905.	SHAW, CYRIL MORLEY	City Electrical Eng., Corpn. Electricity Works, Hylton Rd., Worcester.
1901.	SHAW, GEORGE	Works Manager's Office, Loco. Dept., G. C. Rly., Gorton, Man- chester.
1902.	Shaw, John	3 Ashford St., Shelton, Stoke-on- Trent.
1909.	SHAW, JOHN	Manager, Messrs. John Shaw & Sons (Salford), Wellington St. Works, Salford, Manchester.
1909.	SHAW, PETER	Managing Director, Messrs. John Shaw & Sons (Salford), Welling- ton St. Works, Salford, Man-
1905.	SHAW, THOMAS RAYNOR	chester. 4 Mostyn Mount, Ovenden, Halifax.
1902. G.) 1909. A.M.)	SHAW, WILLIAM CALVERT	Messrs. Joseph Shaw & Son, Albert Works, Lockwood, Hudders- field.
1900.	SHAW, WILLIAM CAMPBELL	40 Heaton Rd., Withington, Manchester.
1908.	SHEARER, WILLIAM	53 Thistle Street, Edinburgh.
1899.	SHEFFIELD, FREDERICK GERARD	The Island, Twickenham.
1901.	SHEFFIELD, THOMAS WILLIAM	Rose Cottage, Cadishead, Man-
1909.	SHENTON, JAMES WILLIAM	The Leeds Forge Co., Leeds.
1892. G.) 1905. A.M.)	SHEPHERD, JAMES HORACE	G.W. Rly., Wolverhampton; and Clarence House, Chapel Ash, Wolverhampton.
1906.	SHEPHERD, JAMES WHALEY	Chief Eng., Carnatic Mills Co., Madras.
1902.	SHERIFF, JOHN EDWARD	73 Moston Lane, New Moston, Manchester.
1904.	SHERWIN, JOHN WALLIS	817 Portage Avenue, Winnipeg,
1899.	SHIBA, CHUZABURO	Engineering College, Imperial University, Tokyo, Japan.
1903.	SHINER, ALBERT EDWARD	Bleak House Engineering Works, 2 Holborn Bldgs., Holborn Bars, E.C. [1751 Holborn.]
1907.	SHINNIE, PATRICK NESS	Messrs. R. & J. Shinnie, 7 Union Row, Aberdeen.
1897.	SHIRTLIFF, FREDERICK	Messrs.Burn & Co., Howrah. Bengal.

164	ASSOCIATE M	EMBERS. 1910.
Date of Election		
1903. G.) 1904. A.M.)	Shoolbred, Andrew Reid.	Wemock Na., Only Na., N.
1909.	SHORT, CYRIL FISK	7 Winsford House, Northumber- land St., W.
1905.	Shorthouse, Benjamin .	7 Quality Court, Chancery Lane, W.C.
1908.	SHORTT, RALPH CHARLES .	296 Alcester Rd., Moseley, Birmingham.
1906.	SILBERSTEIN, WILLY	Messrs. Dick, Kerr & Co., Abchurch Yard, E.C.
1906.	SILBY, ROBERT PASSMORE .	Messrs. Howarth Erskine, Singapore, Straits Settlements.
1903.	SIMCOCK, PHILIP	C/o Messrs. Shewan, Tomes & Co., Hong Kong, China.
1905.	SIMMS, CHARLES EDWARD .	Alldays & Onions P.E. Co., Small Heath, Birmingham.
1906.	SIMPER, WILLIAM ALFRED .	Messrs. Blackstone & Co., 81 Cannon St., E.C.
1900.	SIMPSON, DONALD GRAFTON .	(Indies.
1909.	SIMPSON, HERCULES	De Beers Consolidated Mines, Kimberley, South Africa.
1894. G.) 1900. A.M.)	SIMPSON, LIGHTLY STAPLETON	Assist. Loco. Supt., B. A. and Pacific Rly., Calle 25 de Mayo 277, Buenos Aires, Arg. Rep.
1896. G.) 1901. A.M.)	Simpson, Norman De Lisle	Res. Eng., Bowmanston Pumping Stn., Water Works Dept., Barbados, W. Indies.
1898.	SIMPSON, STEPHEN	Messrs. Willey & Co. Ltd., Exeter; and Tregear, Exeter. [168.]
1902.	SKINNER, GEORGE	. 19 Russell St., Bolton.
1905.	SLATER, ERNEST	Claremont, King Edward's Grove, Teddington.
1902.	SMAIL, CHARLES GEORGE .	129 Sunderland Rd., Forest Hill, S.E.
1901.	Smeeton, John Alfred .	. 56 Victoria St., Westminster, S.W.
1904. G.) 1905. A.M.)	SMITH, ARTHUR JOEL	Langdale, 224 Bristol Rd., Birmingham.
1904. G.) 1910. A.M.	SMITH, ARTHUR MACKLOW .	South Western Polytechnic, Man- resa Road, Chelsea, S.W.
1904.	SMITH, CADES ALFRED MIL	Ugglebarnby, Fladgate Rd., Leytonstone, E.
1907.	SMITH, DAVID	Loco. Dept., Highland Railway, Inverness.
1907.	SMITH, DEMPSTER	. School of Technology, Manchester.
1902.	SMITH, EDWARD TURNER .	Assist. Loco. Supt., Lagos Govt. Rly., Lagos, W. Africa.
1902. G.) 1904. A.M.)	SMITH, ERNEST EDWARD	Messrs. Calthrop & Partners, Eldon Street House, Eldon St., E.C.
1906. G.) 1910. A.M.)	SMITH, FREDERICK GEORGE.	S.W.
1895. G.) 1900. A.M.)	SMITH, FREDERICK HARI	Steam & Electric Crane Works, Old Foundry, Rodley, Leeds. [Smith, Rodley. Stanningley 18.]
1899.	SMITH, FREDERICK HUGH	Babcock & Wilcox Co., Oriel House, Farringdon St., E.C.
1898. G.)	G G	A 1 T - 1 117-463

.. Ash Lodge, Watford.

1898. G.) SMITH, GEORGE ALFRED

1904. G.) 1905. A.M.)	SMITH, HAROLD	(Canadian Crocker-Wheeler Co., St. Catharine's, Ont., Canada.
1898.	SMITH, HERBERT WILLIAM	Works Manager, Basford Brass Works, Nottingham; and 14 Caledon Rd., Sherwood, Not-
1906.	SMITH, ISAAC HOUSBY	dingham. Ash Grove, Shotton, Queen's Ferry, Flints.
1907.	SMITH, JAMES	Wellman - Seaver - Morgan Co., 47 Victoria St., Westminster, S.W.
1900.	Smith, John Smart	Messrs. S. Pearson & Son, 47 Par- liament St., S.W.
1903.	SMITH, JONAH WALKER	Burgh Eng. and Master of Works, Edinburgh.
1891. G.) 1894. A.M.	SMITH, JOSEPH PHILIP GRACE	20 Glyn Mansions, Addison Bridge, W.
1903. G. 1905. A.M.	SMITH, LOUIS WILLIAM	Managing Director, Clarke's Crank & Forge Co., Lincoln.
1905.	SMITH, MATTHEW SIDNEY	Messrs. Welch, Perrin & Co., Queensbridge St., S. Melbourne, Victoria.
1900.	SMITH, MONTAGUE HOWARD	Queen's Park Works, Lonsdale Rd., Kilburn, N.W.
1909.	SMITH, PERCY PHILIP OSCAR	Messrs. Coode, Son & Matthews, 9 Victoria Street, Westminster, S.W.
1898. G.) 1905. A.M.)	SMITH, RALPH VERNON	Messrs. S. Smith & Sons (Nottm.), Basford Brass Wks., Notting- ham; and Hickling Lodge, near Keyworth, Notts.
1907.	SMITH, THOMAS HAROLD	Main Drainage Dept., Public Works Ministry, Cairo, Egypt.
1898.	SMITH, THOMAS JOHN	Cannon St., Hanley, Staffordshire.
1903. G.) 1905. A.M.)	SMITH, ULRIC VIVIAN	Bareilly, Beauchamp Avenue, Leamington.
1900. G.)	SMITH, WALTER TOM	Steam & Electric Crane Works, Old Foundry, Rodley, Leeds.
1902. A.M.		[Smith, Rodley. Stanningley 18.]
1906. 1904.	SMITH, WARREN BODEN SMITH, WILLIAM JOSEPH	66 College St., Chelsea, S.W. Mid. Rly. Carriage Dept., Derby.
1909.	SMYTH, ARCHIBALD HUGH	South Indian Railway, Trichinopoly, India.
1909.	SMYTH, EDWARD WATSON	Messrs. Joshua Buckton & Co., Well House Foundry, Leeds.
1901.	SMYTH, JOHN McFall	Boro' Electrical Eng., Munic. Electricity Works, Keighley.
1900. G.) 1904. A.M.)	SMYTH, ROBERT HENRY	Brakfontein, Bedford, Cape Colony.
1901.	SMYTH, WILLIAM MILLER CAMPBELL	Cornwall, Ronald Park Avenue, Westeliff-on-Sea.
1906.	SMYTHE, ALAN THEODORE	Milford Lodge, Craven Arms, R.S.O., Salop.
1905.	Snow, William Raeburn	Messrs. William Hosken & Co., P.O. Box 667, Johannesburg, Transvaal.
1906.	SORAL, SIEGMUND	55 Chancery Lane, W.C. [Sokalsig, London. 4515 Holborn.]
1906.	SOMERVILLE, LINDSAY	86 Burghley Rd., St. Andrew's Park, Bristol.
		M

Date of	Election.	•	
1903. 1906.	A.M.}	SOMMERVILLE, ALFRED	Corpn. Tramways Depôt, Ayr.
1903.		SOPWITH, JOHN	London and India Docks Co., Engineer's Office, Victoria and Albert Docks, E.
1900. 1902.	G. A.M.	Soyres, Bernard de	Messrs. Godwin Warren & Co., Redcliff St., Bristol.
1908.		SPALDING, EDMUND WILLIAM	(c/o Messrs. Ruston, Proctor & Co., Sheaf Iron Works, Lincoln.
1907.		SPARES, HUBERT CONRAD	(49-51 Moorgate Court, Moorgate St., E.C.
1902. 1905.	A.M.	SPEAKMAN, EDWARD MURRAY	Sir W. G. Armstrong Whitworth & Co., Engine Dept., Elswick Works, Newcastle-on-Tyne.
1899.		SPEIGHT, JAMES WILLIAM	The Elms, Lytham Rd., St. Anne's- on-the-Sea, Lancs.
1907.		Spencer, Arthur John	Victoria and Albert Museum, Board of Education, S. Kensington, S.W.
1901.		SPENCER, ARTHUR LINCOLNE HITCHCOCK	Manager, Messrs. W. H. Spencer & Co., Hitchin. [Engine, Hitchin.5.]
1897.		SPENCER, HENRY WILMOT	100 North Side, Clapham Common, S.W.
1901.		(SPENCER, WILLIAM EDWARD) SPENCER HITCHCOCK	St. Margaret's, Hitchin.
1908.		SPENSLEY, JACOB WILLIAM	Stockton Quay, Warrington.
1905.		SPICER, FREDERICK LEMUEL	Middlesex Works, School Rd., Hampton Wick.
1899.		SPILLER, CLAUDE	54 Hanover Rd., Plumstead.
1905.		SPINNEY, REGINALD DAWES	Messrs. Rolls Royce Ltd., Nightingale Rd., Derby.
1904.		SPRING, ARTHUR LAWRENCE	City Engineer's Dept., Town Hall, Hull.
1903.	-	SPROULE, GEORGE HUSTON RUSSELL	P.O. Box 21, Florida, Transvaal.
1901.		SPRUNT, HERBERT WILLIAM	Engin-Chief, S. London Electric Supply Corpn., Bengeworth Rd., Loughborough Junction, S.E.
1903.		SPURR, GILBERT RICHARD	Electricity Works, Priory Avenue, Walthamstow, N.E.
1900.		Squire, George Frederick	Little Croft, Steventon, S.O., Berks.
1903.		STANGER, REGINALD HARRY HURSTHOUSE	Broadway Testing Works, Broadway, Westminster, S.W. [117 West.]
1904.		STANLEY, HARRY FRANK, Jun.	48 Denmark Road, Southport.
1906.		STARKIE, JAMES EDMUND	Boro' Electrical Eng., Electricity Supply Works, Burnley.
1903. 1907.	G.)		Sambas, Dutch West Borneo.
1909.		STEADMAN, WILLIAM MILTON	Messrs. Marshall, Sons & Co., 99 Clive St., Calcutta.
1902		STEDMAN, GEORGE PERCY WILLIAM	Works Manager, Railway Foundry and Engineering Works, Reading.
1902.		STEED, ALFRED WILLIAM	(H. M. Patent Office, 25 Southamp-
	. A.M.	STEEDMAN, HENRY PERCY	ton Bldgs., Chancery Lane, W.C. Messrs. G. M. Callender & Co., 25
1904.	•	GORMANSTON	Victoria St., Westminster, S.W.
1900.		STEEL, THOMAS JOHN	Almada Sugar Refineries Co., Hda. "La Primavera," Disto de Culiacan, Altata, Sinaloa, Mexico.

Date	of	E	ect	ion.

- Date of Election	•	
1898. G.) 1899. A.M.	STEINMETZ, ARTHUR SAMLER BERNARD	63 Ashburnham Rd., Bedford.
1902.	STENNING, HUGH WALTER	Works Manager, Soudan Military Rlys., Shendy, Soudan, Egypt.
1901.	STEPHENS, HILLIARD	(39 Victoria St., Westminster, S.W. [Stahlwerk, London. P.O. 1625 Victoria.]
1908.	STEPHENSON, HAROLD VICTOR	Car & General Insurance Corpn., 1 Queen Victoria St., E.C.
1907.	STEVEN, JAMES DUNLOP	Messrs. E. G. Wrigley & Co., Soho, Birmingham.
1899.	STEVENS, EDWIN CHARLES	Janus Works, Queen's Rd., Battersea, S.W. [Hydraulics, London. Battersea 115.]
1902. G.) 1907. A.M.)	STEVENSON, EDWARD JAMES	Marine Dept., Messrs. Vickers, Sons and Maxim, Barrow-in- Furness.
1902.	Stevenson, John	Suptg. Eng., Mazawattee Tea Co., Knoyle St., New Cross, S.E.
1903.	Stevenson, John Le Che	Messrs. Stewart and Lloyd, Coombs Wood Tube Works, Halesowen, Birmingham.
1899. G.) 1903. A.M.)	STEWART, CHARLES	56 Harrogate Road, Moor Allerton, Leeds.
1908.	STEWART, CHARLES JOHN	H. M. Patent Office, 25 South- ampton Buildings, W.C.
1907.	STIGANT, GEORGE ALEXANDER	Loco. Dept., C.S.A. Rlys., Viljoens Drift, O.R.C., S. Africa.
1907.	ST. LEGIER, Eng. Lieut. Archi-	(H.M.S. "Bedford," c/o Postmaster General, E.C.
1909. 1892. G.) 1905. A.M.)	STOCKLEY, CHARLES RENNIE	175 Victoria Rd., Wood Green, N. (P. O. Box 1355, Johannesburg, Transvaal.
1901.	STOKES, JOHN THOMAS	H. M. Office of Works, Storey's Gate, S.W.; and Coleraines, Plough Lane, Purley, S.O., Surrey.
1907.	STONE, SIDNEY CHARLES EVE	Engineer's Dept., L.C.C., Spring Gardens, S.W.
1900. G.) 1904. A.M.	STONEBRIDGE, ARTHUR WAT-	7 Hastings Street, Calcutta, India.
1901.	STONES, WILLIAM GRIMSHAW	10 Richmond Terrace, Blackburn.
1906.	STOREY, CLIFFORD BARTON	Harley Rectory, Much Wenlock, S.O., Salop.
1905.	STOTESBURY, RICHARD HENRY	Homeville, Stonehouse, Glos. Hastings House, 10 Norfolk St.,
1904.	STOVE, ALFRED EDWIN	Strand, W.C. [Nunan, London. 2896 Gerrard.]
1899. G.) 1902. A.M.	STOW, GEORGE	New Water Works, Penrith.
1909.	STOWE, HENRY JOHN DANFRITH	Messrs. Mather and Platt, Salford Iron Works, Manchester.
1908.	STRACHAN, ARTHUR	Metrop. Water Board, 173 Rosebery Avenue, Clerkenwell, E.C.
1904.	STRINGER, PERCY	Messrs. Tasker & Sons, Andover.
1904. G.) 1907. A.M.	STRINGER, ROBERT	9 Hall Road, Eccleshill, Bradford.
1898. G.) 1900. A.M.)	STRONG, ALFRED GEORGE	Norfolk Works, St. Paul's, Bristol. [Omega, Bristol. 289.]

1901.	STUBBS, HERBERT	Manual Instruction Department, Higher Grade School, Wolver-
1909.	STURGEON, HENRY CURRAN	hampton. Cairo Main Drainage, P.W.D.,
1303.	STURGEON, ITEMET CURRAN	Cairo, Egypt.
1904.	STURGEON, WILLIAM EUSTACE	32 Hollyshaw Lane, Whitkirk, Leeds.
1907.	STURROCK, FREDERICK CLAUDE	P. O. Box 2863, Johannesburg, Transvaal.
1904.	STURROCK, JAMES FLEMING	Messrs. Robertson and Orchar, Wallace Foundry, Dundee.
1894. G.) 1897. A.M.)	SUFFIELD, FRANK WILSON	57 Colmore Row, Birmingham. [Steelwork, Birmingham. 375 Y.]
1901.	SUMMERFIELD, RICHARD DUN-	Shanklin, Alcester Rd., King's Heath, Birmingham.
1909.	SUMNER, ARTHUR WILLIAM	Grays & Tilbury Gas Co., Grays.
1906.	Sumner, George Geoffry	The Priory, Victoria Park, Man- chester.
1902.	SUMNER, LEONARD	Broughton Copper Co., Manchester. [Copper Co., Manchester. 638.]
1903.	SUNDERLAND, WALLACE	2 Hovingham Terrace, Harehills Lane, Leeds.
1900.	SUTCLIFFE, EDGAR ROUSE	Messrs. Sutcliffe, Speakman & Co., Leigh, Lancs.
1905.	SUTCLIFFE, INGHAM	Loco. Dept., G. S. & W. Rly., Inchicore, Dublin.
1904.	SUTHERLAND, DONALD	Messrs. Hawthorns & Co., Leith Engine Works, Leith.
1896.	SUTHERLAND, JAMES	Manager, Alumina Factory, Larne Harbour, Co. Antrim, Ireland. [Aluminium, Larne Harbour.]
1908.	SUTHERLAND, KENNETH WALLACE	Messrs. Todd and Samuel, 65–69 Brookman's Bldg., Adelaide, S. Australia.
1908.	SUTTON, FREDERICK BASS	Messrs. Wade and Jones, 95 Colmore Row, Birmingham.
1894.	SUTTON, HUGH REGINALD	Messrs. Mackies, Berks Iron Works, Caversham Rd., Reading. [Mackies, Reading. 86.]
1905.	SWAFFIELD, NORMAN	Messrs. Hugh Wilson Ltd., Caversham Bridge Works, Reading.
1908.	SWAIN, EDWARD HENRY	Eng. and Manager, Gas Works, Treforest, Pontypridd.
1896.	SWALLOW, JOHN	Messrs. John Swallow & Co., St. Helens, Lancs.
1902.	SWAN, EDWARD MONTGOMERY	Gordon Chbrs., 31 Queen St., Cardiff.
1905.	SWAN, WILLIAM ROBERT	Manager, Prye River Dock, Penang, Straits Settlements.
1904.	SWEATMAN, HARRY	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N.
1909.	SWIFT, JAMES THOMAS BOLTON	Micklem Hall, Oxford.
1904.	SWINCHATT, PERCIVAL HALL	Govt. Industrial Arts School, Luck- now, India.
1905.	SYKES, FRED	Technical School, Lincoln.
1906.	Symonds, Percival Herbert	28 Claremont Rd., Rugby. (Mech. Engineering Dept., L.C.C.,
1904.	Symons, James Francis	Spring Gardens, S.W. (4 Wosnessenski Prospect, St. Peters-
1909.	SZYMANOWSKI, KONRAD	burg, Russia.

1887. G.) 1895. A.M.)	TABOR, EDWARD HENRY	(12 Mycenae Road, Blackheath, S.E.
1900. G. 1908. A.M.	TAITE, GEOFFREY CHARLES	25 Buckingham Gate, S.W.
1902. G.)	TALBOT, ERNEST	Messrs. Talbot and Davison, 60
1905. A.M.) 1893.	TALBOT, FREDERICK WILLIAM	Park Rd., Bedford. Pitt, Winchester.
1897.	TALBOT, WILLIAM JOHN	(Talbot-Stead Tube Co., Birchills, Walsall.
1907.	TANFIELD, RICHARD	Roodebloem, Woodstock, Cape Town, Cape Colony.
1905.	TASKER, EDWARD ERNEST	The Chase, Chigwell Row, Essex.
1902.	TATTON, ALBERT LIGHTOWLER	Royal Arsenal, Woolwich; and 33 Beechhill Rd., Eltham.
1899.	TAVERNER, HERBERT LACY	West India House, 96-98 Leadenhall St., E.C.
1902.	TAYLOR, ARTHUR	71 Victoria Avenue, Southend-on- Sea.
1897.	Taylor, Arthur Joseph	6 Apsley Crescent, Manningham, Bradford.
1909.	Taylor, ARTHUR WALTER	Manchester Chambers, 46A Market St., Manchester.
1905.	TAYLOR, CHARLES ALBERT	21 Sydney St., Chelsea, S.W.
1906.	TAYLOR, CHARLES EDWARD	Standard Steam Lorry and Omnibus Co., Rayleigh, S.O., Essex.
1902.	TAYLOR, DUDLEY FOSTER	Kynoch Forward Engineering Co., Holford Works, Perry Barr, Birmingham.
1899. G.)	TAYLOR, FRANK COSTON	Electrical Dept., Egyptian State
1902. A.M. § 1907.	TAYLOR, FREDERIC HENRY	Rlys., Gabbary, Alexandria, Egypt. 14 Victoria St., Westminster, S.W.
1907.	TAYLOR, FREDERICK	Corpn. Tramways Dept., Shiffnall St., Bolton.
1901. G.) 1905. A.M.	TAYLOR, GEORGE STEVENSON	H.M. Inspector of Factories, 41 Park Square, Leeds.
1905.	TAYLOR, JOHN THOMSON	22 Cornhill Terrace, Leith.
1909.	TAYLOR, LIONEL STANLEY	Messrs. Taylor and Hutchinson, 23 Drury Buildings, 21 Water St.,
1908.	TAYLOR, SAMUEL LARK	Liverpool. Town Quay, Falmouth.
1901.	TAYLOR, TOM	Daisy Bank, Woolfold, Bury, Lanes.
1909.	Taylor, Walter Reginald	Messrs. Taylor, Wallin and Taylor, Cathedral Buildings, Newcastle- on-Tyne.
1905.	TAYLOR, WILFRID	13 Lowgate, Hull. [Motors, Hull.
1902.	TAYLOR, WILLIAM ROBERT	(548.] 41 Corporation St., Manchester.
1909.	TENCH, JOHN ANTHONY	Madras and S.M. Railway Co.,
1904.	TENNANT, ALFRED MARMA-	Waltair, E. India. Alexandria Water Works, Alex-
1902.	TENNANT, JAMES	andria, Egypt. Suptg. Eng., British Insulated and Helsby Cables, Prescot, Lancs.
1893.	TENNEY, DENNIS	Messrs. Runciman & Co., 264 Calle San Martin, Buenos Aires, Arg.
1908.	TESTER, ARTHUR LUSCOMBE	Messrs. John Thompson & Co.,
	LEGIEN, ANTHUR LUSCOMBE	63 Queen Victoria St., E.C.

Name and Printers		(David Electrical and Electrical
1899. Teste	ER, WILLIAM ANDREWS	Boro' Electrical and Tramways Eng., Corpn. Electricity Works, Lancaster.
1300. HE	EY, THOMAS REGINALD	
1896. G.) THOM	FRANK	Canal Foundry, Blackburn.
	, Јони	London Central Markets Cold Storage Co., 223 Central Markets, E.C.
1908. Тном	AS, ADOLPHUS HENRY	70 Melody Rd., Wandsworth, S.W.
1901. Тном	as, Arthur Lloyd	Church St. Chbrs., Pontypridd. [P. O. 73.]
1903. Тном	as, Evan Gibson	Tan-y-bryn, College Sq., Llanelly.
1906. Тном	as, Frank	Chief Eng., Buckingham Mill, Madras.
1909. Тном	AS, GEORGE ALLAN	Messrs. E. J. Caiger & Co., 114
	AS, HUGH BLAKE	Fenchurch Street, E.C. 4 Walthew Avenue, Holyhead.
1907. Тном	AS, JOHN VICK	14 Alexandra Rd., Gloucester.
1901. G. THOM	AS, NEVILL SENIOR	Rhoose, Cardiff.
1902. Тном:	PSON, ARTHUR BEEBY	3 Lombard St., E.C.
1901. G. THOM:	PSON, EDGAR WAKELIN	Manager, Boyd's Ice Factory, Kalikat St., Bombay.
1907. {THOM:	•	Yokohama Dock Co., Yokohama, Japan.
19011.	PSON, FREDERICK WIL-	(Messrs. H. T. Wright Bros., 72 Victoria St., S.W.; and 29 Chase- field Rd., Tooting, S.W.
	PSON, HARINGTON GEORGE PBELL ONSLOW	Messrs. Severn & Co., 20 Budge Row, Cannon St., E.C.
1897. Тном:	PSON, HERBERT	44 Lynn Street, Balham, S.W.
1902. G. 1906. A.M.	PSON, JOHN ARCHIBALD	Melrose, Hampton Rd., Tedding- ton.
1908. {Thom: Led		Messrs. Hart, Son, Peard & Co., 138 and 140 Charing Cross Rd., W.C.
1000 C)	PSON, THOMAS	30 Lee Terrace, Blackheath, S.E.
1899. G. THOM:	son, Alfred Morris	20 Blenheim Drive, Glasgow.
1901. Тном	son, David Lockerbie	Box 382, Mayaguez, Porto Rico. Via New York.
1894. Тном	son, Henry	Messrs. J. Frizzoni & Co., Allahabad, India.
1901. Тном	son, James Cunningham	(New Building & Construction Co., Shanghai, China.
	son, James Watson	Robert Gordon's College, Aberdeen.
	NE, HENRY HUBERT	36 Fenton Sq., Huddersfield. (Fairmead, Birling Road, Snodland,
	NTON, HARRY HALL	S.O., Kent.
	NYCROFT, JOHN EDWARD PE, CHARLES WILLIAM	Homefield House, Chiswick Mall, W. District Asylum, Mullingar.
1894. G. 1901. A.M. THOR:	PE, WILFRED BERTRAM	Charing Cross and Strand Elec- tricity Supply Corpn., 60 St. Martin's Lane, W.C.
	ARLES	North Western Rly., Lahore, India.
1907. THUR	SFIELD, GREVILLE RICH-	Sturtevant Engineering Co., 147 Queen Victoria St., E.C.

		Duidenmater Foundam Duncom:
1906.	TIMMINS, EBENEZER	Bridgewater Foundry, Runcorn; and Trinity House, Runcorn.
1895. G.)	- G	Natal Govt. Rly. Works, Durban,
1902. A.M.	KEYSER	Natal.
1905.	TODER, JOHN	P.O. Box 255, Sydney, N.S.W.
1893.	TOMES, WILLIAM JAMESON	Dist. Loco. Supt., E.I. Rly., Jamal-
2000.	-	pur, Bengal. Rand Water Board, Box 1703,
1908.	TOMKINS, JOHN ALFRED, R.N.R	Johannesburg, Transvaal.
	`	Royal Albert Memorial College,
1905.	Toms, Robert	Exeter.
1909.	Tooms, John Grice	Manager, Waterford Gas Co., Gas
1303.	TOOMS, JOHN CHICK	Works, Waterford.
1000	Money Deserving Money	Resident Engineer, Electricity Works, Durnsford Rd., Wimble-
1908.	TORPY, REGINALD NORMAN	don.
1000	T17	Messrs. Joseph Baker & Sons,
1900.	TOWNSEND, WILLIAM	Willesden Junction, N.W.
1909.	TRACY, HAROLD WINGFIELD	Consulting Engr's. Dept., Box 2,
	Tradi, Iraida (1121012)	Randfontein, Transvaal.
1899. G.) 1906. A.M.	TRAFFORD, JOSEPH PETER	Parry Motor Co., Erdington, Birmingham.
1899. G.)		(St. Stephen's Club, Westminster,
1903. A.M.	TREGONING, WYNN HAROLD	S.W.
1903. G.	TRENCH, WILLIAM CONNELL	Inglenook, Stubbs Rd., Penn Fields,
1904. A.M.	POWER	Wolverhampton.
1903. G.)	TRESHAM, LANCELOT DAVID	26 Park Avenue, Palmer's Green, N.
1906. A.M.		(General Manager, North Mid-
1909.	TREWBY, LAWRIE	dlesex Gas Company, Mill Hill,
2000.	111111111111111111111111111111111111111	N.W.
1903. G.)	TRIMMER, GEORGE WILLIAM	Messrs. Burn & Co., 7 Hastings
1908. A.M.)	ARTHUR	St., Calcutta.
1000	TRIMNELL, LEONARD CHARLES	Richmond (Surrey) Electric
1908.	{ BOUGHEY	Light and Power Co., Richmond, Surrey.
4005	m	(Royal Carriage Dept., Royal
1907.	TRIPP, GEORGE WALTER	Arsenal, Woolwich.
		Genl. Manager, Messrs. Wm. Foster
1905.	TRITTON, WILLIAM ASHBEE	& Co., Wellington Foundry, Firth
		Rd., Lincoln. (Works Manager, Messrs. Barford &
1901.	TRUE, ROBERT ARTHUR	Perkins, Queen St. Iron Works,
2002.	22029 200222 2222202	Peterborough.
1902.	TUBBS, WILLIAM EDWARD	Harmire, Woodland Rd., Ching-
		ford.
1902. G.	(I.H.I.AD WALL SEDEL)	Hongkong & Whampoa Dock Co.,
1906. A.M.)	Hong Kong, China. Messrs. Siemens Bros., Dynamo
1902.	TUNLEY, PERCY JAMES	Works, 4 MacLean St., Madras,
20020	201221, 22202 02220 11	India.
1905.	TUNNICLIFFE, WALTER GEORGE	39 Mandrake Road, Upper Tooting,
1300.	TORRICLIFFE, WALIER GEORGE	(5. 11.
1909.	TURNBULL, JAMES ARMSTRONG	Talisman Consolidated, Karanga-
1901. G		Lake, New Zealand.
1905. A.M		9 Harcourt St., Heworth, York.
1901. G	1	Boro' Engineer's Office, Hudders-
1905. A.M	TURNER, ERNEST WILLIAM	field.

Date of El	lection.	
1005		Courts-Turner Engineering Co.,
1905.	TURNER, EUSTACE HOOPER	Albert Sq., Manchester. [Chim-neys, Manchester. 5392.]
1900.	TURNER, FREDERICK WILLIAM	(St. Peter's Iron Works, Ipswich. [Gippeswyk, Ipswich.] (Manager, Gildenburgh Brick
1903.	TURNER, JOHN ALEXANDER	Co., Whittlesea, Peterborough. [Bricks, Peterborough. 24.]
1898. 1905. A	G. TURNER, VINCENT	Town Hall, Bilston.
1901. 1904. A	A.M. TURNER, WILLIAM WALLACE	(Sydney Hydraulic & Genl. Eng. Co., Martin Place, Sydney, N.S.W.
1910.	TURNEY, FRED	Les Forges et Fonderies de Maurice, Port Louis, Mauritius.
1910.	TURVEY, WILLIAM JOHN WAKE-	c/o Post Office, Invercargill, South Island, New Zealand.
1903.	Tweedie, Kenneth Digby	Shanghai Nanking Railway, Shang- hai, China.
1000		2 3 CO CL C1 11 E.C.
1906. 1901.	Underwood, Albert Leopold Unwin, Maurice Everett	3 and 5 Queen St., Cheapside, E.C. Messrs.John Brown & Co., Sheffield.
1902.	Urie, James Barclay	Thornbank, Dialstone Lane, Stock- port. 57 Barton Arcade, Manchester.
1898.	URQUHART, RIDLEY JAMES	[Kinetic, Manchester.]
1903. 1908.	USHERWOOD, THOMAS SCRIVEN UTTING, SAMUEL	Bellevue, Rusper Road, Horsham. 65 Warwick Rd., Kensington, S.W.
1905.	UTTLEY, EDWIN ABRAHAM	Govt. Electrical Eng., Bulawayo, Rhodesia, S. Africa.
1906.	VALLAT, HENRY HOWARD	Cia. de Alumbrado, Casilla 45, Iquique, Chile.
1907.	VAUGHAN, CHARLES BOUND	50 Barcombe Avenue, Streatham Hill, S.W. St. Feock, Devoran, R.S.O., Corn-
1900.	VENNING, Eng. Lieut. ALBERT JOHN, R.N	wall. (St. Feock, Devoran, R.S.O., Corn-
1900.	ARNOLD, R.N	wall.
1892. 1898. A	A.M.) VEZEY, ALBERT EDWARD	152 Great Dover Street, Borough, S.E.
1909.	VIAL, HAROLD FRANK	Croslands Park, Furness Abbey, Barrow-in-Furness.
1905.	Vickers, Ernest John	14 Duchess Rd., Edgbaston, Birmingham.
1900. 1906.	VINEY, HORACE	29 Angell Road, Stockwell, S.W.
1901.	VISICK, CHARLES	Works Manager, Basset Works, Devoran, Cornwall.
1905. 1906.	A.M WADDY, ALBERT WILFRED	Albion House, New Oxford St., W.C.
1007.	WADE, FRANCIS RICHARD	95 Colmore Row, Birmingham.
1900. 1904.	A.M.; G. Wadham, Robert Wainwright, Walter Hepburn	Messrs. Calvert & Co., 42 Wasagatan, Stockholm, Sweden.
1906	WAINWRIGHT, WALTER HEP-	9 Wellington Square, Chelsea,
1000.	(BURN	(p.ii.

1908.	WAITE, WILLIAM VINCENT	Works Manager, Messrs. Bruce, Peebles & Co., East Pilton, Edinburgh.
1908.	Waldron, Frederic Barnes	Braydon Oak, Shirley Road, Southampton.
1901.	Walford, Frederick	Behar School of Engineering, Bankipur, India.
1901.	WALKEM, GEORGE ALEXANDER	Managing Director, Vancouver Machinery Depôt, Vancouver, B.C.
1901.	Walker, Alfred	Municipal Technical Institute, Romford Rd., West Ham, E.
1904.	WALKER, ARTHUR	Messrs. Burrell & Co., Burrell's Wharf, Millwall, E.
1903.	WALKER, ARTHUR ERNEST	36 Basinghall St., E.C.
1908.	WALKER, FRANK EGERTON	Messrs. Garrett & Sons, Leiston, S.O., Suffolk.
1910.	WALKER, HERBERT CARR	Managing Director, Yorkshire Engineering Supplies Ltd., Ingham St. Works, Hunslet Rd., Leeds.
1910.	WALKER, JAMES WILLIAM	Municipal Workshops, Dalhousie Street, Rangoon, British Burma.
1908.	WALKER, JOHN BRITON	Messrs. Hopkins and Gardom, 349 Bartolomé Mitré, Buenos Aires, Arg. Rep.
1898. G.) 1901. A.M.)	Walker, Robert Hugh	Manager, Neuchatel Asphalte Co., Travers, Neuchatel, Switzerland.
1908.	WALKER, THOMAS ARCHIBALD	Solway, Granville Road, Eastbourne.
1899.	WALKER, WILLIAM PETO	Vacuum Brake Co., 32 Queen Vic-
1905,	WALL, CHARLES	toria St., E.C. 23 Friern Rd., East Dulwich, S.E.
1901. G.)		Messrs. Selig Sonnenthal & Co., 85
1904. A.M.	WALLACE, CECIL PERCY	Queen Victoria St., E.C.
1910.	WALLACE, WILLIAM	Manager, British Hele-Shaw Clutch
1010.	Transcon, Transcon.	Co., Suthers St., Oldham.
1908.	WALTER, D'ARCY JOSEPH	(20 St. James' Road, Edgbaston, Birmingham.
1910.	WALTHEW, JAMES GALLOWAY	Manager, Messrs. Crossley Brothers, 200 Great Brunswick St., Dublin.
1900. G.)	Walton, Denys	Patent Office, 25 Southampton
1903. A.M.	WALTON, DENIS	Bldgs., W.C.
1907.	WALTON, WILLIAM RAYNES	Tower Chambers, 30 Spring Gardens, Manchester.
1898. G.) 1905. A.M.)	WANS, OSWALD	Abbeville, Burgess Rd., Basing-
	WARBROOK, FREDERICK	stoke. Messrs. Massey & Co., Napier
1905. A.M.	George	Works, Madras.
1904.	WARD, AUGUSTINE MELLIAR	San Rafael Paper Co., Calle San Agustin 15, Mexico City, Mexico.
1897.	Ward, John Cecil	Messrs. Edgar Allen & Co., 434 West Randolph St., Chicago, Ill., U.S.
1907.	WARD, THOMAS HENRY	Dunboyne, Albert Rd., Caversham Heights, Reading.
1898. G. 1901. A.M.	WARDLE, FRANK HAROLD	Electricity Dept., Nottingham Corpn., Talbot St., Nottingham.
1908.	WARE, EDWARD SAMUEL	Burnley Rd., Rawtenstall, Man- chester.
1888. G.) 1905. A.M.)	WARING, HENRY	Terenure Laundry Co., Terenure, Dublin.

1909.	WARNER, FRANCIS GEORGE	Permanent Way Office, Miller St., Birmingham.
1901. G.) 1903. A.M.	WARNER, HAROLD METFORD	Lake House, Low Bentham, Lan- caster.
1900. G.) 1903. A.M.	WARNER, JAMES SUTHERLAND	5 Carteret St., Westminster, S.W.
1892. G.	WARTON, RICHARD GEORGE	[Birail, London.] Gardiner, Salisbury, Rhodesia, S.
1898. A.M.	FRANK	Africa.
1902.	WARWICK, WALTER	Messrs. N. Wadia & Sons, Cumballa Hill, Bombay.
1895.	Wasdell, Abel	Supt., Water Works, Allahabad, India.
1909.	Watkins, John Henry	Messrs. Royce, Trafford Park, Man- chester.
1904.	Watson, Allan Griffiths	Cape Govt. Rlys., Loco. Drawing Office, Uitenhage, Cape Colony.
1907.	Watson, Edward Fairlie	Messrs. Arthur Butler & Co., Mozufferpore, India.
1908.	Watson, Francis Renton	Merchant Venturers' Technical College, Bristol.
1903.	Watson, George William	20 Ormonde Rd., East Sheen, S.W.
1902.	WATSON, HERBERT EDWARD.	"The Statesman," 3 Chowringhee,
1002.	WAISON, ILEMBERT EDWARD	Calcutta.
1909.	Watson, James	Loco. Dept., Cal. Ry., St. Rollox, Glasgow; and 307 Ruchill St., Glasgow.
1908.	Watson, John	Messrs. Andrew Barclay, Sons & Co., Caledonia Works, Kilmar-
1000.	WATSON, JOHN	nock.
1902.	Watson, John Craig	Mass. Inst. of Technology, Box 5, 491 Boylston St., Boston, U.S.
1900.	Watson, Richard	Charing Cross and Strand Electri- city Supply Corpn., 85 Commer- cial Rd., Lambeth, S.E.
1906.	WATTERS, THOMAS CHARLES	Court St., Newtownards.
1906.	WATTS, HERBERT WILLIE	Res. Eng., Electricity Works, Thames St., Weybridge.
1908.	WATTS, RICHARD EDWARD	Messrs. Blackstone & Co., Rutland Engineering Works, Stamford.
1895. G.)	WAUGH, HYLTON NORMAN	(c/o C. H. Waugh, Acting Clerk,
1898. A.M.)		Haywards Heath.
1906.	WAYNE-MORGAN, JOHN	59 Queen St., Cardiff.
1907.	WAYTE, HARRY	Engin-Chief, Grand Canal Co., James's Street Harbour, Dublin.
1902.	WAYTE, JAMES BENJAMIN	12 Lemon St., Dublin. [1187.]
1907.	Webb, Arthur James	Messrs. Johnson, Matthey & Co., 78 Hatton Garden, E.C.
1902. G.) 1904. A.M.	Webster, Arthur Guy	Sunbury, Westbourne Rd., Sheffield.
1906.	WEBSTER, FRANK THORNTON	Messrs. Thomas Firth & Sons, Norfolk Works, Sheffield.
1906. 1900.	Wedekind, Julius Edward Wellington, John Morecraft	2 Monivea Road, Beckenham. 13 Albion Rd., Clapham, S.W.
1904.	Wells, Edward Nelson	6 Dartmouth Park Avenue, High-
1903.	WELLS, JOSEPH MALCOLM	gate Rd., N.W. 19 Lunham Rd., Up. Norwood, S.E.
1893.	Wells, Sidney Herbert	Director-Genl., Dept. of Agricul- ture and Technical Education, Cairo, Egypt.
		(Carro, 28/Per

Date of Election.		STATE OF THE PARTY
1907.	WELLSMAN, CHARLES	8 and 10 Manesty Lane, Liver-
1899.	WEST, HAARLEM ETHNEEN	Spassky Zavod, Akmolinsk, Siberia.
1902.	WEST, WILLIAM POWNOLL	Mina Demetrio, Alcaracejos, Pro- vincia de Cordoba, Spain.
1902. G.)	WESTACOTT, PERCY	Messrs. Robert H. B. Neal, Bank
1905. A.M. (G.)	WESTERN, HUGH (Life Asso-	Chbrs., Princess Sq., Plymouth. (Egyptian State Rly., Cairo,
1902. A.M.	ciate Member)	Egypt.
1907.	WESTLEY, ARTHUR WILLIAM	(17 Railway Villas, East London, Cape Colony.
		Kensington and Knightsbridge
1899.	WESTON, GEORGE CAMBRIDGE	Electric Lighting Co., Albert Vaults, Prince Consort Rd., S. Kensington, S.W.
1906.	WESTON, ROBERT OGILVY	Poste Restante, Bulawayo, Rhodesia, S. Africa.
1902.	WETHERELL, RAYMOND ED- WARD CORDEUX	Engineer's Dept., L.C.C., Spring Gardens, S.W.; and Hautley, Farnham Royal, S.O., Bucks.
1909.	WHITAKER, GILBERT	Caucasus Copper Co., Batoum, South Russia.
1908.	WHITAKER, JOHN WILLIAM	27 Abinger Road, Bedford Park, W.
1900.	WHITE, DANIEL HUBERT	5 Cleveland House, Hackford Rd., Brixton, S.W.
1909.	WHITE, D'ORSAY MCCALL	Messrs. D. Napier & Sons, Acton Vale, W.
1907.	WHITE, EDWARD BERTRAM	P. O. Box 165, Pietermaritzburg, Natal.
1904.	WHITE, THOMAS HYLER	2 Canterbury Rd., West Croydon.
1906.	WHITE, WALTER EDWIN	Messrs. S. Pearson & Son, 10 Victoria St., Westminster, S.W.
1904.	WHITE, WILLIAM ARTHUR	Fabrica del Gas, Casilla 18, Callao,
1899.	WHITEHEAD, JAMES PETER	196 Deansgate, Manchester.
1892. A. 1904. A.M.	WHITEHEAD, RICHARD DAVID	Municipal Technical College, Green Hill, Derby.
1899.	WHITEHOUSE, ALFRED	7 Prospect Rd., Moseley, Birming- ham.
1904.	WHITEHOUSE, GEORGE HENRY	Great Bridge Engineering Works, Tipton.
1907.	WHITELEY, HENRY STANLEY	Prospect Iron Works, Lockwood, Huddersfield.
1909.	WHITIE, ALEXANDER	Station Supt., Borough Council Electricity Dept., Lombard Road, Battersea, S.W.
1909.	WHITMEE, HAROLD BABINGTON	P. O. Box 1591, Johannesburg, Transvaal.
1907.	WHITTAKER, JOHN HENRY	Whitelodge, Standeford, Wolver-hampton.
1908.	WHYTE, JABDINE BELL	Hotel St. James, San Francisco, Cal., U.S.
1903.	WIDDICOMBE, ROBERT ALEX-	Kroeschell Brothers Co., 55 Erie St., Chicago, Ill., U.S.; and 2573 Lakewood Avenue, Chicago, Ill., U.S.
	WIDDOWSON, ERNEST LEED-	Lightcliffe, Halifax.
1903. A.M.	HAM)	,

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1898.	Wigglesworth, Frank	Clutch Works, Moss St., Bradford.
1908.	WIGRAM, ARTHUR WOOLMORE	Labuan Coalfields Co., Labuan, British North Borneo.
1903.	WIGRAM, WALTER GOTT	Messrs. John Fowler & Co., Steam
1908.	(WILCOCKS, WILLIAM JOHN RICHARD	Plough Works, Leeds. St Fulham Palace Rd., Hammersmith, W.
1909.	WILCOX, JOHN GEORGE	Manager, Calcutta Ice Association, 3 Gas St., Calcutta.
1907.	WILD, BENJAMIN	Sydney Lodge, Elliston Rd., Redland, Bristol.
1901. G.) 1903. A.M.)	WILKINSON, FRANK	Boro' Eng. and Surveyor's Office, Wimbledon.
1904.	WILLANS, CHARLES TURNER	Messrs. G. R. Alston & Co., Port- of-Spain, Trinidad.
1908.	WILLANS, GEORGE HERBERT	Superintendent's Office, Ottoman (Aidin) Railway, Smyrna Point, Smyrna, Turkey-in-Asia.
1903.	Willcocks, John	Dial Foundry, Buckfastleigh, R.S.O., Devon. [Willcocks, Buckfastleigh.]
1909.	WILLETT, EDWARD WALTER	Messrs. Alcock, Ashdown and Co., Mazagon, Bombay.
1905.	WILLIAMS, ALBERT EDWARD	73 Queen Victoria St., E.C.
1904.	WILLIAMS, CHARLES	Resident Engineer, Water Works Pumping Station, Blagdon, Bristol.
1902.	WILLIAMS, CHARLES JOHN	37 Soho Avenue, Handsworth, Birmingham.
1904. 1901.	WILLIAMS, DAVID THOMAS	12 Blackburne Street, Liverpool. 38 Stanwell Road, Penarth.
1904.	WILLIAMS, EDWARD JOHN	8 Pretoria Terrace, Waltham Cross.
1905.	WILLIAMS, GEORGE BRANSBY	United Service Club, Calcutta.
1909.	WILLIAMS, JOHN EDGAR	Sudan Public Works Dept., Khartoum, Egypt,
1903.	WILLIAMS, JOHN ROBERT	Tramway Power Station, Kelham Island, Sheffield.
1898. G.) 1904. A.M.)	WILLIAMS, NORMAN CLARING-	Messrs. Belliss & Morcom, Led- sam St., Birmingham.
1901. G.) 1907. A.M.	WILLIAMS, STANLEY VICTOR.	23 Loughborough Rd., Brixton, S.W.
1900. G.) 1904. A.M.)	WILLIAMS, VERNON INGRAM NORBURY	Sir W. G. Armstrong, Whitworth & Co., Ashton Rd., Openshaw, Man-
1900.	WILLIAMS, WALTER DOEL	Roman Gravels, Minsterley, Shrewsbury.
1899.	WILLIAMSON, EDWARD	Messrs. Manlove, Alliott & Co., 41-42 Parliament St., S.W. [Manloves, London. 3405 Gerrard.]
1907.	WILLIAMSON, HENRY DALE	Messrs. Samuel, Samuel & Co., Yokohama, Japan.
1900.	WILLIS, EDWARD	Eng. and Surveyor, Town Hall, Chiswick, W.
1902.	Willis, George	Messrs. Willis & Son, High St., Eton, Windsor; and 'Nhlazatie, Montem Rd., Slough. [Willis, Eton, Windsor. 3 Windsor.]

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1904.	WILLIS, GEORGE OSWALD BELL	Messrs. Cammell, Laird & Co., Cyclops Steel and Iron Works, Sheffield.
1905.	WILLMER, ERNEST EDWARD <	Chief Eng., Darragh Spinning Mills Co., Quilon, Travancore, India.
1903.	WILLSTEED, CHARLES WESLEY,	H.M.S. "Indus," Devonport.
1903.	WILSON, CHARLES AUGUSTUS	(566 Barnsley Rd., Pitsmoor, Sheffield.
1898.	WILSON, DANIEL ELLIS	P.O. Box 2090, Calgary, Alberta, Canada.
1903.	WILSON, FRANK	Messrs. Mosers, 178 Borough High St., S.E.
1910.	WILSON, GEORGE	75 Eyre Street, Sheffield.
1909.	WILSON, HERBERT WILLIAM	Messrs. T. L. Miller, Wilson and Pegg, 709 Tower Bldgs., Water St., Liverpool.
1907.	WILSON, HOWARD STUART	West Indian Club, Howard Hotel, Norfolk St., Strand, W.C.
1905.	Wilson, John	Church Wynd, Bo'ness, S.O., Lin- lithgowshire. Messrs. Guest & Chrimes, Roth-
1898.	WILSON, JOHN CHARLES	erham; and Foston House, Don- caster Rd., Rotherham.
1902.	WILSON, LEONARD HERBERT	Mines Dept., Winchester House, Johannesburg, Transvaal.
1901.	WILSON, RICHARD DAWES	2 Ennerdale Rd., Kew Gardens, Surrey.
1897. G.) 1903. A.M.)	WILSON, ROBERT JAMES	Works Manager, Mica Boiler Covering Co., Ditton Rd., Widnes.
1905.	WILSON, ROBERT WOOD	Messrs. Fullerton, Hodgart & Barclay, Vulcan Works, Paisley.
1906.	WILSON, THOMAS DANIA	31 Osborne Rd., Levenshulme, Manchester.
1904.	WILSON, WILLIAM BUXTON	Suptg. Eng., Penang Sugar Estates Co., Penang, Straits Settlements.
1908.	WILTON, JOHN DANIEL	Wilton's Engineering & Slipway Co., 2 West-Kousdijk, Rotterdam, Holland.
1906.	WILTON, LESLIE EDWARDS	Messrs. Davis, Bennett & Co., 94A Horseferry Rd., Westminster, S.W.
1908.	WILTON, WILLIAM	Managing Director, Wilton's Engineering and Slipway Co., Rotterdam, Holland.
1908.	WIMBUSH, HENRY LAWRENCE	Transvaal University College, Johannesburg, Transvaal.
1904. G.) 1906. A.M.)	Winceworth, Trevor Edward	Haddington Motor Works, Haddington Rd., Dublin.
1901. G.) 1903. A.M.	WINDSOR, ARTHUR WHALESBY	241 Holmesdale Rd., South Norwood, S.E.
1901. G.)	WINGATE, ARTHUR WIN-)	Gisburne, Clitheroe.
1902. A.M.) 1908.	WISE, GEORGE MACDONALD	Taj Mahal Hotel, Fort, Bombay.
1902. G.) 1904. A.M.)		Messrs. Chas. Howson & Co., 164 Regent Rd., Liverpool.
1907.	WITHERS, JOHN	Post Office, Blue Bonnets, Montreal, Canada.

Date of Ele	ction.
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1902.	Wolff, Charles	501 West Main St., Marshalltown Iowa, U.S.
1902. G.) 1903. A.M.	WOLSTENHOLME, WALTER	Wyvestoe, Radyr, Cardiff.
1905.	Wood, Frederick George	Consolidated Pneumatic Tool Co., Wheeler's Buildings, Hornby Rd., Bombay.
1909.	Wood, Harry Arden	Swan Mill Co., Sewree Road, Sewree, Bombay.
1903.	Wood, Samuel	Sunnyside, Rhos Rd., Rhos-on-Sea, N. Wales.
1902. G.) 1905. A.M.)	WOOD, WILFRED PIMM	50a South St., Dorking.
1904.	Wood, William John Harvey	Station Supt., Bolton Corpn. Electricity Works, Bolton.
1901. 1905.	Woodger, Peter Bisset Woodhouse, Noel	19 Spring Gardens, Newark. 66 Scotland Rd., Liverpool.
1900.	(WOODHOUSE, WILLIAM BRAD-	Yorks. Electric Power Co., Thorn-hill, Dewsbury.
1903.	Woods, Harry	Grand Forks P.O., British Colum-
1904.	WOODWARD, AUGUSTUS	bia. 22 Romilly Rd., Cardiff.
1908.	Woodward, Noel Parker	Deptford Engineering Co., Rly. Works, High St., Deptford, S.E.
1903.	WORNUM, JOHN RUSKIN	Otto Trechmann Ltd., Cement
1907.	Worsey, John Robert	Works, Hartlepool. Messrs. Tangyes, Cornwall Works, Soho, Birmingham.
1900.	Wright, Ernest	St. Mary's Cottage, Waxwell Lane, Pinmer, S.O., Middx.
1901.	WRIGHT, FRANK	National Phys. Laby., Teddington, Middx.; and 19 St. Charles Square, Kensington, W.
1905.	WRIGHT, FRANK	65 Drury Bldgs., 21 Water St., Liverpool.
1902. G.) 1906. A.M.)	VV DICTUM HIDANIS LILATUM	P.O. Box 56, East Rand, Johannes- burg, Transvaal.
1903.	WRIGHT, GEORGE ALFRED	Genl. Manager, Mn. My. Totok, Celebes, Dutch E. Indies.
1889. G.) 1895. A.M.)		(110 TT: -1. Ct. Manual - Lane W. F.T. and
1900.	WRIGHT, ISAAC HENRY	20 Osborn Rd., Earlsdon, Coventry.
1900.	WRIGHT, RICHARD OLIVER	Henley's Telegraph Works, Gravesend.
1905.	WRIGHT, THOMAS GEORGE	45 South St., Wellington, Somerset.
1904.	WUNDERLICH, ADOLPH	(Woodview, Brambledown Rd., Sanderstead, Surrey.
1906.	{WYATT, ARTHUR JAMES HERVEY	Elmhurst, Kimbolton Rd., Bedford.
1901.	YARDLEY, WILLIAM HENRY	Messrs. Princeps & Co., Princeps Works, Matilda St., Sheffield.
1904.	YATES, ALFRED TUFNELL	Newby House, Heoldon Rd., Whit- church, Cardiff.
1900. G.) 1903. A.M.)	YATES, DONALD RUSSELL MARTIN	Messrs. Forbes, Forbes, Campbell & Co., Bombay.

1895. G.)	Warrant Transactions		Abercorn Engine Works, c/o Messrs. Workman, Clark & Co.,
1895. G.) 1899. A.M.	YEAMES, JAMES LIAMB	• •	Belfast.
1906.	YOUATT, CLAUDE SEPTIMUS	• •	Beechville, Thorn Rd., Bramhall, Stockport.
			Thames Iron Works, Shipbuilding
1903.	Young, George Albert	••	and Engineering Co., Canning Town, E.
1906.	YOUNG, HENRY WILLIAM		Witney, Oxfordshire.
1900.	Young, HENRY WILSON		18 Russell Square, W.C.
1907.	Young, Percy Lot	• • •	Messrs. H. Young & Co., Nine Elms Iron Works, S.W.
1899.	Young, William		Eng., London County Asylum, Sutton, Surrey.

ASSOCIATES.

		CA Y Mock TI I
Date of	f Election	[A. I. Mech. E.]
1	880.	{Allen, William Edgar, {Imperial Steel Works, Tinsley, Litt.D Sheffield.
1	.889.	BARR, JOHN {The Glenfield Engineering Works, Kilmarnock.
1	892.	BOWMAN, FREDERIC HUNGER- 4 Albert Sq., Manchester.
1	888.	BOWMAN, FREDERIC HUNGER- FORD, D.Sc., F.R.S.E 4 Albert Sq., Manchester. BROWN, HAROLD 2 Bond Court, Walbrook, E.C.
1	.902.	{CHANDABHOY, SHAPOORJEE} NUSSERWANJEE CHRIMES, CHARLES EDWARD Brass Works, Rotherham.
1	.888.	CHRIMES, CHARLES EDWARD Brass Works, Rotherham.
1	890.	Chubb, Richard {Messrs. Joseph Chadwick & Son, 601 Tower Bldgs., Liverpool.
1	895.	DOCKER, FRANK DUDLEY Birmingham Varnish Works, Icknield Port Rd., Birmingham [Japan, Birmingham. 3522.]; and The Gables, Kenilworth.
4	000	Douglas Wharf, Putney, S.W.
	899.	Douglas, Loudon McQueen Douglas Wharf, Putney, S.W. [Ibidem, London. 242 Battersea.]
1	.898.	Dowlen, Walton Edward 54 Rue Pierre Charron, Paris.
1	.900.	FEATHER, ROBERT Crown Sale Rooms, High St., Keighley. Hecla Foundry Steel Works, Sheffield; and Regis Villa, Hall Rd., Rotherham.
1	.891.	FOSTER, GEORGE Sheffield; and Regis Villa, Hall Rd., Rotherham.
1	.889.	GOLBY, FREDERICK WILLIAM 36 Chancery Lane, W.C.
	.900.	GOODRICH, WALTER FRANCIS Glenles, Kingsfield Rd., Watford
1	.902.	GRIERSON, HENRY FORSTER {Caxton House, Tothill St., Westminster, S.W.
1	.909.	Guest, Edward Graham, Messrs. McVitie, Guest & Co., 136 F.R.S.E. Princes St., Edinburgh.
1	.887.	HIND, ENOCH Edgar Rise, Nottingham.
1	.891.	Jackman, Joseph (Persberg Steel Works, Attercliffe Common, Sheffield. [Persberg, Sheffield. 94.]

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		(Genl. Manager, Midland Railway-
1884.	Jackson, Edward	Carriage and Wagon Works, Birmingham. [Wagon, Birming- ham.]
1897.	James, Albert Alfred	St. George's Works, Paradise St., West Bromwich. [James, Wire- works, West Bromwich. 5014.]
1896.	KENNAN, WILLIAMS THOMAS	Messrs. Kennan & Sons, Fishamble St., Dublin. [Kennans, Dublin.]
1907.	KILBURN, BERTRAM EDWARD DUNBAR	Chancery Lane Station Chbrs., High Holborn, W.C.
1896.	King, Benjamin Thomas	[165 Queen Victoria St., E.C. [Geologic, London. 682 Central.]
1898.	LEECHMAN, GEORGE DOUGLAS	2 Harcourt Bldgs., Middle Temple Lane, Temple, E.C.
1896.	LEMKES, CARL RUDOLF LEWIN	Messrs. Schäffer & Budenberg, 5 Wellington St., Glasgow. [In- jector, Glasgow. Royal 3119.] (Chamber of Commerce Bldg., 3
1900.	LEONARD, ROBERT MAYNARD	Oxford Court, Cannon St., E.C. [Lenoxfocot, London. 9255 London Wall.]
1895.	MacBrayne, Laurence	11 Park Circus Place, Glasgow.
1886. 1898.	MACKENZIE, KEITH RONALD MARSHALL, PERCIVAL	Vectis, Bembridge, Isle of Wight. 26-29 Poppins Court, Fleet St., E.C.
1868.	MATTHEWS, THOMAS BRIGHT	[Phœnix Steel Works, Sheffield.]
1901.	MAYHEW, LtColonel MARK	Bookhams, Churt, Surrey.
1889.	McKinnel, William	Messrs. S. Osborn & Co., Clyde
1890.	MEGGITT, SAMUEL NEWTON	{ Steel and Iron Works, Sheffield. Messrs. Ibbotson Brothers & Co., Globe Steel Works, Sheffield.
1902.	Noyes, Edward	109 Pitt St., Sydney, N.S.W.
1900.	PAGE, DAVIDGE	10 Clifton Dale, York. (Low Moor Iron Office, 2 Laurence
1874.	PAGET, BERKELEY	Pountney Hill, E.C. [Gryphon, London.]
1886.	PEACOCK, WILLIAM J. P	Wells St., Oxford St., W.; and 41 St. James' St., S.W.
1888.	PEAKE, ROBERT CECIL	Cumberland House, Redbourn, St. Albans.
1887. 1887.	PEECH, HENRY	15 Victoria St., Westminster, S.W. 15 Victoria St., Westminster, S.W.
1884.	(PHILLIPS, RICHARD MORGAN (Life Associate)	{c/o J. Griffin, 6 Algiers Rd., Lady-well, S.E.
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ace of Diecel	UII,
1891.	PLANT, GEORGE 242 Rotton Park Rd., Birmingham (Eagle Range and Foundry Co.)
1897.	PRIOR, JAMES D
1891.	Rowcliffe, William Charles 1 Bedford Row, W.C.
1899.	Sachs, Edwin Otho 7 Waterloo Place, Pall Mall, S.W.
1900.	SALOMONS, Sir DAVID LIONEL Broomhill, Tunbridge Wells.
1887.	SCOTT, WALTER (Victoria Chbrs., Grainger St. West, Newcastle-on-Tyne. [Contractor, Newcastle-on-Tyne.]
1909.	SEIFEDDIN, H.R.H. PRINCE (c/o Vice-Admiral Ahmed Pasha, P.O. Box 18, British Post Office,
1893.	Constantinople. SIMPSON, EDWARD PERCY 101 Grosvenor Rd., Pimlico, S.W.
1891.	Spencer, Francis Henry (c/o Standard Bank of S. Africa, 10 Clements Lane, E.C.
1892.	STEAD, JOHN EDWARD, F.R.S. $\begin{cases} 11 \text{ Queen's Terrace, Middlesbrough.} \\ [Stead, Middlesbrough.] \end{cases}$
*	
1896.	TAYLOR, JOSEPH HENRY \{ 9 and 11 Fenchurch Avenue, E.C. \[Tyne, London. Avenue 4108.]
1893.	WADHAM, ARTHUR
1897.	WALLACH LINES CHAPLES Royal London House, Finsbury
1898.	WARDER, ASHBY WILLIAM Norton, Stockton-on-Tees.
1899.	WATERLOW, DAVID SYDNEY, 38 Cornwall Gardens, S.W.
1099.	M.P
1883.	WILLIAMSON, ROBERT S {Cannock and Rugeley Collieries, Hednesford, Stafford. (Messrs. E. Wiseman & Co., Silver
1891.	WISEMAN, EDMUND St., Luton; and Uplands, London
1897.	WOOD, WILLIAM ALFRED Rd., Luton. [Wiseman, Luton.] 42 Spring Gardens, Manchester. [Certificate, Manchester.]
1899.	YOUNG, JOHN DRUMMOND Managing Director, Scottish Boiler Insurance Co., 111 Union St., Glasgow. [Inspector, Glasgow. 1271.]

GRADUATES.

[G. I. Mech. E.]

Date of Election	G. I. Mech.	. E.]
1907.	ABELL, CHARLES EDMUND	4 Foregate St., Worcester.
1903.	Adan, Benjamin, Jun	Res. Engineer's Office, Hull Joint Dock, Hedon Rd., Hull.
1909.	ADAMSON, WILFRID	Anston Vicarage, near Sheffield.
1885.	Addis, Frederick Henry	Ajmere, Rajputana, India.
1907. 1906.	AIREY, JOHN	10 Rosenau Rd., Battersea, S.W.
1907.	AITKEN, ARTHUR JAMES AITKEN, JAMES	21 Hampden Rd., Hornsey, N. 1 Dudley Avenue, Leith, Edinburgh.
	(ALDRIDGE, LIONEL SHUTTLE-	District Electric Co., 39-40 Berry
1903.	(WOOD	St., Wolverhampton.
1905.	ALGAR, STANLEY CURTIS	The Ferns, High Rd., Willesden, N.W.
1909.	ALLAN, CHARLES JOSEPH	Strathcarron, Denison St., Rock-hampton, Queensland.
1909.	ALLCUT, EDGAR ALFRED	(32 St. Matthew's Rd., Smethwick, Birmingham.
1909.	ALLEN, WILFRID	(c/o Mrs. Pavey, 16 Meridian Place, Clifton, Bristol.
1910.	ALLINSON, GEORGE LESLIE	Vigornia, Queen's Park, North-ampton.
1906.	ALLISON, WALTER EDWARD	Holmhurst, Sutton, Surrey.
1904.	AMY, PHILIP ALFRED	Patier, Summersdale, Chichester.
1905.	Andreadis, Angel Isidore	Salvags School of Profession and Technology, Chatby, Alexandria, Egypt.
1907.	Andrews, Herbert	Huntspill Farm, Highbridge, R.S.O., Somersetshire.
1907.	ANSELL, ARTHUR MOLLOY	Messrs. Ansell & Sons, Toong P.O., Darjeeling Himalayan Rly., Bengal.
1908.	ARMITAGE, HERBERT CYRIL	Craven Cottage, 137 Dudley Rd., Grantham.
1908.	ARROWSMITH, BERNARD LOUIS	Rhodes Bldgs., Christchurch, New Zealand.
1908.	ASHMORE, JOHN ALFRED	Park Terrace, Blackwell, Alfreton.
1909.	Ashwood, Hubert John	35 Linver Rd., Parsons Green, Fulham, S.W.
1903.	ASTON, REGINALD GODFREY	Loco. Dept., Compañia del Ferro- carril de Tehuantepec, Rincon Antonio, Oax., Mexico.
1907.	ATKINSON, JAMES STANLEY	Wellman-Seaver & Head, 14 Rue Auber, Paris.
1905.	ATKINSON, JOHN TOM	15 York Terrace, North Shields.
1902.	ATKINSON, REGINALD CHARLES	3 Burton Street, Loughborough.
1907.	ATTENBOROUGH, ERNEST JOHN	Midhurst, Thorncliffe Rd., Notting- ham.
1904.	AYEROYD, JOHN KENNETH	Durlston, Corfton Rd., Ealing, W.
1907.	BAILEY, DAVID EDWARD	Messrs. Johnson & Phillips, Vic-
1907.	Diving Tone Union	toria Rd., Old Charlton, Kent.
1001.	DAILEY, JOHN HENRY	34 Avenue Rd., Grantham.

1902.	BAKER, EDWARD	Kilnhurst Steel Works, Kilnhurst, Rotherham.
1907. 1906.	Baldwin, Frederick John Ball, William Francis	Athelney, Marlborough Lane, Bath. Herrington, Torquay.
1905.	BANERJI, RABINDRA NATH	(Tellery Concern, Kudra (E.I. Rly.), Sahabad Dist., Behar, India.
1906.	BARNARD, ALFRED GEORGE	277 Walton Breck Rd., Anfield, Liverpool.
1907.	Barnes, Joseph James	37 Beauchamp Road, Lavender Hill, S.W.
1901.	BARNWELL, ELIOTT ARTHUR	10 Nicosia Rd., Wandsworth Common, S.W.
1907.	Barr, Harold Flemyng	Ashleigh, Summer Hill, Gainsborough.
1906.	BARRINGTON, THOMAS BAR-	11 New Broadway, Ealing, W.
1909.	BARRINGTON-BAKER, MONTAGU	15 The Crescent, Gateshead.
1902.	BARRY, LAWRENCE CATER	Messrs. A. Butler & Co., Mozuffer- pore, Tirhoot, India.
1903.	BATES, HERBERT HENRY	60 Lansdowne Gardens, Jesmond, Newcastle-on-Tyne.
1909.	BATES, WILLIAM RESTON	56 Blenheim Gardens, Willesden Green, N.W.
1909.	BATSON, REGINALD GEORGE CYRIL	123 London Road, Kingston-on-Thames.
1909.	BEAN, CUTHBERT ALEXANDER STILLINGFLEET	191 The Grove, Goldhawk Road, Hammersmith, W.
1905.	BEATSON, ARCHIBALD MEADE	10-12 Jubilee Place, Chelsea, S.W.
1908.	BECKE, CHARLES ROBERT	Wootton Hall, Wootton, North- ampton.
1901.	BECKETT, JOSEPH EDGE	Tapton House, Sheffield.
1906.	Bell, John	(Northampton Institute, Clerken- well, E.C.
1884.	BELL, ROBERT ARTHUR	116 Worple Rd., Wimbledon.
1906.	BELLAMY, CHARLES GLYNN HUGHES	62 Coombe Rd., South Croydon.
1902.	BENNETT, HENRY BENJAMIN	Esplanade Sub-station, Princess St., Bombay.
1901.	BENNETT-POWELL, PERCIVAL GORDON	Porth-y-Glo, Upper Boat, Ponty-pridd.
1908.	BENTALL, ANTHONY FRANK	Holt's, Mildmay Road, Chelmsford.
1909.	BENTLEY, WALTER OWEN	80 Avenue Rd., Regent's Park, N.W.
1910.	BETTERTON, WALTER	Feckenham Road, Astwood Bank, Redditch.
1906.	BEVEN, GUY NUGENT	634 Barnsley Rd., Pitsmoor, Sheffield.
1907.	BINGHAM - GADD, WILLIAM ERIC	7 Lansdowne Square, Rosherville, Gravesend.
1907.	BIRD, HAROLD HUGHES	Engineer's Office, S. Division, Mid. Rly., Derby.
1908.	BIRD, PERCY CARR	20 Bedford Street, Strand, W.C.
1906.	BISHOP, REGINALD	Sheffield Simplex Works, Tinsley, Sheffield.
1903.	BLACKMORE, WILLIAM ROBERT	Avenida Balderas No. 5, Mexico D.F., Mexico.
1906.	BLANN, SIDNEY	(c/o C. Wapshare, Hillside, St. Anne's, Lewes.
1904.	{BLOOMFIELD, CHARLES WIL-}	50 Handen Road, Lee, S.E.

1905.	BOLTON, EDWARD JOHN	Lightoaks, Oakamoor, Staffs.
1908.	BOUSFIELD, REGINALD MICHAEL	Claremont Villa, Leamington.
1904.	BOYCOTT, THOMAS ARCHIBALD	121 Highbury Rd., King's Heath,
1907.	BRAMWELL, ERNEST CHARLES	Birmingham. 16 Victoria Rd., Stroud Green, N.
1903.	BRAND, WILLIAM DEANE	Assistant Eng., Mannar Rly., Ceylon.
1908.	Brander, James	62 Haverstock Rd., Knowle, Bristol.
1906.	BREMNER, ALLAN JAMES	(19 Parliament Hill, Hampstead, N.W.
1887.	Bremner, Bruce Laing	Assist. Loco. Supt., Uganda Rly., Mombasa.
1905.	Bressey, Sydney Francis	Departamento Traccion, Caballito F.C.O., Buenos Aires, Arg. Rep.
1906.	BRIDGE, WILLIAM JAMES	12 Victoria Rd., Alexandra Park, N.
1904.	BRIGGS, RICHARD JOHN PERCI-	6 Laurence Pountney Hill, Cannon St., E.C.
1908.	BRINTON, LANCELOT KNIGHT	7 Burlington Avenue, Kew Gardens, S.W.
1909.	Bromwich, Bernard Alfred	49 Chisholme Road, Addiscombe, Croydon.
1900.	BROUGHTON, HAROLD	288 Ditchling Rd., Brighton.
1907.	Brown, Ernest William	Victoria Iron Works, Leighton Buzzard.
1909.	Brown, Frederick Arthur	177 Ruskin Road, Crewe.
1909. 1905.	Browne, John Lovell	16 Cecile Park, Crouch End, N. (Dronley, Woodside Park Rd., N.
19413		
1300.	BRÜCKMANN, OTTO JAMES	Finchley, N.
1907.	BRUCKSHAW, HERBERT STAN-	Finchley, N. 13 Russell St., Bolton.
	(BRUCKSHAW, HERBERT STAN-)	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India.
1907.	BRUCKSHAW, HERBERT STAN-	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. (Engineer's Office, West India
1907. 1902.	BRUCKSHAW, HERBERT STAN-) LEY	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India.
1907. 1902. 1905.	BRUCKSHAW, HERBERT STAN- LEY	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. (Engineer's Office, West India Docks, E. (33 Vernon Chambers, Victoria, British Columbia. (Board of Trade, Exhibitions Branch,
1907. 1902. 1905. 1903.	BRUCKSHAW, HERBERT STAN- LEY	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N.
1907. 1902. 1905. 1908. 1901.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington,
1907. 1902. 1905. 1903. 1901. 1907.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W.
1907. 1902. 1905. 1903. 1901. 1907. 1909.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1909. 1909.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. 95 Milton Rd., Swindon.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1909. 1909. 1909.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ABNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH.	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. 35 Milton Rd., Swindon. 64 Bath Street, Rugby.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1903. 1909. 1909. 1901.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH BURTON, CHARLES KINGSLEY	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. 35 Milton Rd., Swindon. 64 Bath Street, Rugby. Dock Engineer's Office, N. E. Rly., West Hartlepool.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1903. 1909. 1909. 1901. 1904.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH BURTON, CHARLES KINGSLEY BUSSEY, LIONEL ERNEST	13 Russell St., Bolton. Messrs. G. Brunton & Son, Cochin, Malabar Coast, India. Engineer's Office, West India Docks, E. 33 Vernon Chambers, Victoria, British Columbia. Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. 76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. 35 Milton Rd., Swindon. 64 Bath Street, Rugby. Dock Engineer's Office, N. E. Rly., West Hartlepool. 65 Sandmere Rd., Clapham, S.W.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1903. 1909. 1909. 1901.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH BURTON, CHARLES KINGSLEY	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India.) (Engineer's Office, West India Docks, E. (33 Vernon Chambers, Victoria, British Columbia. (Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. (76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. (35 Milton Rd., Swindon. (48 Bath Street, Rugby. (50 Rly., West Hartlepool. (55 Sandmere Rd., Clapham, S.W.) (66 A. W. Butler, 42 Theobalds Rd., W.C.
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1903. 1909. 1909. 1901. 1904.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH BURTON, CHARLES KINGSLEY BUSSEY, LIONEL ERNEST	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India.) (Engineer's Office, West India Docks, E. (33 Vernon Chambers, Victoria, British Columbia. (Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. (76 Maury Rd., Stoke Newington, N. (Imperial College of Science and Technology, South Kensington, S.W. (Milford, Godalming. (Northwood, Herne, Canterbury. (35 Milton Rd., Swindon. (44 Bath Street, Rugby. (Dock Engineer's Office, N. E. (Rly., West Hartlepool. (55 Sandmere Rd., Clapham, S.W.) (c/o A. W. Butler, 42 Theobalds Rd.,
1907. 1902. 1905. 1903. 1901. 1907. 1909. 1903. 1909. 1909. 1901. 1904. 1906.	BRUCKSHAW, HERBERT STAN- LEY. BRUNTON, JOHN EVELYN CARDET. BUCKTON, ERNEST JAMES BULKELEY, GEORGE VICARY OWEN BULLEID, OLIVER VAUGHAN PUGH BULLWINKLE, GEORGE ROYALL BUMPUS, FRANK ARNOLD BURDOCK, ARTHUR BURGE, FREDERIC BURGE, RODON LUDFORD BURKE, WILLIAM KENNETH BURTON, CHARLES KINGSLEY BUSSEY, LIONEL ERNEST BUTLER, STANLEY GORDON	13 Russell St., Bolton. (Messrs. G. Brunton & Son, Cochin, Malabar Coast, India.) (Engineer's Office, West India Docks, E. (33 Vernon Chambers, Victoria, British Columbia. (Board of Trade, Exhibitions Branch, Queen Anne's Chambers, S.W. (76 Maury Rd., Stoke Newington, N. Imperial College of Science and Technology, South Kensington, S.W. Milford, Godalming. Northwood, Herne, Canterbury. (35 Milton Rd., Swindon. (48 Bath Street, Rugby. (Dock Engineer's Office, N. E. Rly., West Hartlepool. (55 Sandmere Rd., Clapham, S.W. (c/o A. W. Butler, 42 Theobalds Rd., W.C. (St. Francis, Hampstead Road,

1906.	Саре, Аѕнву	Longai Valley Tea Co., Chandkhira, Sylhet, India.
1902.	CARRICK, JOSEPH ERNEST	Mineral Supt's. Office, Gascoigne Wood, South Milford, S.O., Yorks.
1910.	CARTER, KENNETH ARNOLD	Shelton Rectory, Stoke-on-Trent.
1907.	CARTLAND, ROBERT JAMES	25 Addison Road, Brighton.
1905.	CARTWRIGHT, AUBREY CHARLES MATTHEWS	Messrs. Walker & Greig, Glencairn, Dickoya, Ceylon.
1905.	Cassels, Frank Lionell	43 Florida, Buenos Aires, Arg. Rep.
1906.	Castle, Arthur Spencer	Westgate, Grantham. (75 Mount Pleasant, Barrow-in-
1891.	CASWELL, CHARLES HENRY	Furness.
1908.	CHASTER, CLIFFORD STILWELL (CHEESEMAN, ALFRED BRYSON)	14 Woburn Square, W.C.
1903.	EAST	109 Gordon Rd., Strood, Rochester.
1905.	CHENHALL, STANLEY SANDERS	Millswood, South Brent, Devon.
1909.	CHETTLE, NORMAN	The School House, Salford Priors, Evesham.
1908.	CHILD, HERBERT WILLIAM	157 Church St., Deptford, S.E.
1908.	CHILDS, JAMES	53 Storey Sq., Barrow-in-Furness. (Powysland Plantation, Kilifi, Taka-
1906.	CHIVELL, WILLIAM RICHARD	ungu P.O., Brit. East Africa.
1908.	CLARKE, GEORGE PULESTON	11 Somerset Place, Stoke, Devon-
1908.	CLAUSEN, HUGH	69 Wolverhampton Rd., Stafford.
1907.	CLAYTON, HARVEY	1 Delamere St., Openshaw, Man-
1000		chester. c/o W. V. V. Lidgerwood, Caxton
1906.	CLELAND, JOHN	House, Westminster, S.W.
1905.	CLENCH, EDWARD CLAUDE SHAKESPEARE	Aster Engineering Co., Wembley, S.O., Middlesex.
1907.	CLUTTERBUCK, HERBERT	37 Kingston Crescent, North End,
	(CHARLES	Portsmouth. 524 Calle Chile, Buenos Aires,
1903.	COBBALD, THOMAS ERNEST	Argentine Republic.
1908. 1907.	COURT DONALD BRANCHWAITE	69 Mill Hill Rd., Acton, W. 23 Clinton Rd., Mile End, E.
1905.	Cole, Donald Braithwaite Cole, Thomas Stephenson	17 Mattock Lane, Ealing, W.
1904.	Colley, Robert William	(2 Ibrahim Bey Wafas Bldgs., Sharia
1892.	COLLINGRIDGE, HARVEY	Gama Charkass, Cairo, Egypt. Auburn, Denville, Havant.
1907.	COLLINS, CLAUDE AUGUSTUS	14 Mayfair Gardens, The Avenue,
1906.	COLLITT, SYDNEY	Loughton, Essex. 79 Eastbourne Tee., Gainsborough.
1909.	Cook, Frederick William	34 Cobourg Rd., Montpelier, Bristol.
1889.	Cook, George Norcliffe	Austral Chbrs., 99 Queen St., Melbourne, Victoria.
1908.	COOKE, ALFRED LEWIS	6 Grange Road, West Hartlepool.
1906.	COOPER, ALBERT GEORGE WARNER INERD	Messrs. Butterfield & Swire, Hong
1910.	COOPER, JOHN LOWRY HONE.	Kong, China. 15 The Crescent, Gateshead.
1908.	COOPER, THOMAS	38 Regent St., Derby.
1908.	COPPING, GILBERT LLOYD	(29 Spencer Rd., Wealdstone, Middlesex.
1909.	CORKERY, ALBERT THOMAS	Sherbrooke Lodge, 3 Acre Lane,
1910.	COVENTRY, HENRY JAMES	90 Seymour St., Euston Sq., N.W.
1906.	COVIL, ROBERT PERCY	Mayne Island, Vancouver, British
2000	,	Columbia.

1906.	Cowie, John Robert	5 Bentinck St., Kelvingrove, Glasgow.
1905.	CRANSWICK, CHARLES TENNY-	Jafferbund T. E., Jafferbund P.O., Cachar, India.
1905.	CRANWELL, HARRY	33 Denver Rd., Stamford Hill, N.
1907.	CRICHTON, JOHN ARTHUR	3 Buckingham Gate, S.W.
1906.	CROFT, CYRIL MURTON	9 Amerland Rd., West Hill, S.W.
1905.	CRONK, NORMAN TYLEE	26 Redcliffe Square, S. Kensington, S.W.
1905.	CROUCH, HENRY	New Horley Motor and Engineering Co., Balcombe Road, Horley.
1907.	Crow, Sydney Holbrook	5 Nottingham Rd., Bramley Hill, Croydon.
1905.	CRUSE, GEORGE HENRY IRONS	Dowson Economic Gas and Power Co., Basingstoke.
1907.	CULLY, WILLIAM FREDERICK	22 Lorne Rd., Forest Gate, E.
1907.	CUNLIFFE, WILLIAM WHIT-	Bod Llwyd, Newbridge, Ruabon.
1907.	CUNNINGHAM, FRANK LEONARD	Alma House, Bishop's Rd., Benwell, Newcastle-on-Tyne.
1907.	CURD, THOMAS WALTER CHRIS-	Seapoint, Broadstairs.
1909.	CURRALL, EDWARD PERCY	Hampton Road, Solihull, Birming-ham.
1908.	(CURRY, ANGUS DOWNES)	The Vicarage, Wheatley, S.O., Oxon.
1906.	CURTIS, VLADIMIR	University College, Gower St., W.C.
		,
1005		(Heathfield, Ashton-on-Mersey, Sale,
1905.	DALLOW, WALKER HORTON	Cheshire.
1907.	Daniels, Wilfrid	Oakdene, Hyde Rd., Gorton, Man- chester.
1907.	DARBY, JAMES KIDSON	Permanent Way Engineer's Office, Sovereign St., Leeds.
1905.	Davies, John Ernest	Morro Velho, Villa Nova de Lima, Estado de Minas, Brazil.
1910.	Davies, Rhys	Messrs. Gwynnes, Hammersmith Iron Works, Crisp Rd., Hammer- smith, W.
1907.	DAVIES, ROLAND LENNOX	The Woodlands, Rectory Lane,
1905.	Davies, Victor Charles	Tooting, S.W. 23 Dancer Road, Fulham, S.W.
1907.	DAVY, EDWARD VINICOMBE	101 Marlow Rd., Anerley, S.E.
1907.	DAY, HORACE CARDWELL	Westfield, Horbury, Wakefield.
1909.	DAY-LEWIS, GEORGE HOLMES	Skerries, Vanbrugh Park Rd., Blackheath, S.E.
1909.	DE AGUIRRE, OLYNTHO CONTO	Messrs. Kerr, Stuart & Co., Cali-
1909.	DEANE, RICHARD HILL ASPERNE	fornia Works, Stoke-on-Trent.
1908.	DEUCHAR, WILLIAM RENSHAW	26 King's Avenue, Ealing, W. 1 Cedar Rd., Walham Green, S.W.
1909.	DEWIDAR, MOHAMED FOAD	Central Technical College, Exhibition Rd., S.W.
1907.	DICK, FRANK MACKENZIE	Easthill, Doncaster Rd., Rother-ham.
1884.	Dixon, John	Westalla, Riversleigh Avenue, Lytham.
1907.	DOUGLASS, PERCY CUTHBERT	c/o W. T. Douglass, 15 Victoria
1301.	DOUGLASS	St., Westminster, S.W.

ite	of Election	n.
	1908.	Doust, Joseph 31 Overcliffe, Gravesend.
	1909.	Douton, Frederic Charles (3 Rock Villas, St. Paul's Road,
	1908.	DOWLING, WILLIAM 1189 Argyle St., Glasgow.
	1891.	DUNCAN, MARTIN GORDON {Lexden, 63 Elmfield Rd., Upper Tooting, S.W.
	1903.	DUNELL, BASIL 83 Victoria Rd., Horwich, Lancs.
	1909.	DWYER, DAVID ANTHONY {Clevedon, Tweedy Road, Bromley, Kent.
		(Monu.
	1909.	EAMES, ALICK CECIL 2 Enfield, Ash Vale, Aldershot.
	1905.	(The Willows North Profiler
	1900.	Trowbridge.
	1908.	EDEN, CHRISTOPHER GABRIEL Edgemoor, Highfields Rd., Northwood, S.O., Middlesex.
	1905.	Edmonds, Harold Montagu 49 Harrowby Road, Grantham.
	1905.	Edwards, Cecil Cleeve Gasnawa, Kegalle, Ceylon. (Messrs. Willans & Robinson, Corpn.
	1906.	ELBORNE, EDWARD MITCHELL Electricity Power Statn., Roath,
		Cardiff.
	1909.	ELLIS, CHARLES GEORGE 13 Bristol Terrace, Newcastle-on-
	1909.	ELLIS, JAMES GRAVES ST. JOHN 3 Dartmouth Road, Dublin.
	1905.	ELMSLIE, ALFRED BEAU- 113 Drakefield Rd., Balham, S.W.
	1904.	ENGREE FREDRICK PERCY (5 Cambridge Villas, Richmond Rd.
		(11 Manor Gdng Tarkhall Riga
	1904.	ENGHOLM, FRANK GOLDIE (Clapham, S.W.
	1908.	ESSERY, THOMAS HENRY \{ Municipal Technical School, Suffolk St., Birmingham.
	1909.	Coniston, 28 Mount Ephraim Lane,
		Streatham, S.W.
	1909.	EVANS, MERVYN DANIEL 6 Lumley Square, Hartlepool. (EVERETT, EDWIN JOHN) Powel Victoria Vard Depterd S.F.
	1909.	EUSTACE EUSTACE
	1904.	EVERINGTON, CHARLES GOR- Merton House, Dulwich Wood Rd., DON Norwood, S.E.
	1907.	EWARE JOSEPH MURRELL Messrs. John H. Wilson & Co.,
	1901.	Seacombe, Birkenhead.
		¥
	1907.	FREDERICK 29 Renal's St., Mill Hill, Derby.
	1908.	FEDDEN, ALFRED HUBERT ROY Fern Hill, Henbury, Bristol.
	1904.	FEENY, CYRIL JOSEPH 60 Queen Victoria St., E.C.
	1905.	FELTON, GEORGE JOHN (c/o General Post Office, St. James St., Montreal, Canada.
	1908.	FENTON, COLIN STANLEY (c/o Wm. C. Fenton, 10 Paradise Square, Sheffield.
	1909.	FERGUSON, DONALD HARRY 31 Milton Road, Swindon.
	1907.	FERGUSON JOHN HENDERSON (Injeniero 3°, Circulo Naval, Valpa-
	1903.	FERRIER, SAMUEL KEY Fulford Croft, York.
	1907.	FFISKE, HERBERT GUY Brundall, Norwich.
	1902.	FIFE, FRANK GORDON \{ 3 Lansdowne Terrace, Gosforth, Newcastle-on-Tyne.
	1906.	FISH, JOHN BLAIR Messrs. Jessop & Co., Calcutta.

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1904.	FITZGERALD, WILLIAM ALFRED	H.M. Office of Works, Storey's Gate, S.W.
1905.	FLOREY, JAMES WILLIAM	63 Fourth Place, Brooklyn, New York, U.S.
1904.	FOOTE, THOMAS DICKSON	Gambles House, Antigua, West Indies.
1906. 1910.	FORBES, ARTHUR FORREST, HUBERT	8 Sistora Road, Balham, S.W. 18 Victoria Ave., Bishop Auckland.
1907.	FOWLER, CHARLES HENRY	5 Park Square West, Regent's Park, N.W.
1904.	FRASER, STAFFORD ROBERT CHARLES	c/o F. C. York, Traccion y Talleres, F.C.B.A.P., Junin, Arg. Rep.
1906.	FRASER, THOMAS CHARLES	58 City Councillor St., St. Catherine's St. West, Montreal, Canada.
1906.	FRIEND, ERNEST JOHN	27 Park Parade, Harlesden, N.W.
1906.	FRY, FRANCIS EDWARD	Randfontein Central G.M. Co., P.O. Box 23, Randfontein, Transvaal.
1905.	GAMBLE, STUART ARTHUR	(10 Park Avenue, Gorton, Man- chester. F New Court, St. John's, Cam-
1907.	GARDINER, KENNETH JOHN RATTRAY	bridge.
1906.	GIBB, NORMAN	Central Workshops, Kuala Lumpur, Selangor, Straits Settlements.
1909.	GIBSON, HARRY FREDERIC HIGGINS	Governor's House, H.M.P., Swansea.
1909.	GIBSON, KARL JOCELYN	Highfield House, Church Road, Moseley, Birmingham.
1907.	GIFFARD, GORDON CARMICHAEL	24 Windlesham Rd., Brighton.
1909.	GILLIES, CHARLES MALCOLM	Brooklyn, 126 Dora Rd., Wimbledon Park, S.W.
1907. 1909.	GLEDHILL, GILBERT GODDARD, WILLIAM CORY	Dersingham, Greenroyd, Halifax. New Water Works, Penrith.
1908.	GODFREY, HENRY RONALD	North Lodge, Holders Hill, Hendon, N.W.
1908.	GOODALL, HARRY DAVID	117 High St., Oxford.
1907. 1906.	GOODYEAR, DICK CLAUDE	South Essex Water Works, Romford. Royal, Milford, Godalming.
1908.	GORDON, HAMILTON	49 Chichele Rd., Cricklewood, N.W.
1907.	GRAHAM, JACK CURTIS	22 Courtenay Avenue, Waterloo, Liverpool.
1907.	GRAHAM-JONES, EDWARD CHRISTOPHER	The Rectory, Sanderstead, Surrey.
1905.	GRAVELY, FRANK VERNON	Greenfields, Newick, Sussex.
1907.	GRAY, WILLIAM HENDERSON	(National Steam Car Co., 193 Hercules Rd., Lambeth, S.W.
1906.	GREEN, CHARLES WILLIAM	c/o Messrs. Grindlay, Groom & Co., Bombay, India.
1906.	GREEN, ERNEST WILLIAM	38 Coldra Rd., Newport, Mon.
1907.	GREEN, GEORGE WILFRID	39 Park Road, Rugby.
1906.	GREENWAY, NOEL WILSON	109 Park Rd., Wallsend-on-Tyne.
1901.	GEORGE	39 Charlotte Rd., Edgbaston, Birmingham.
1902.	GREGORY, HERBERT GEORGE	Wood Dene, Leatherhead.
1909.	GREW, FRANK HOWARD	Elliott's Metal Co., Selly Oak Works, near Birmingham.

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1906.	GRIFFITHS, ROYSTON SWIRE	Bank House, Llanelly.
1906.	GRITTON, STANLEY EVAN	Talfourd Cottage, Reigate.
1907.	GROOM, STANLEY	17 Grantham Rd., Clapham, S.W.
1909.	GROUNDWATER, WILLIAM CHARLES PURVIS	Sunnydene, Congo Rd., Plumstead.
1906.	GROVES, CLARENCE EDGAR	Messrs. J. & B. Groves, Lawson St., Great Dover St., S.E.
1904.	GULLICK, HARRY DOUGLAS	The Banks, St. Peter's, Broadstairs.
1909. 1906.	GUTHRIE, ALEXANDER GORDON GUY, HENRY LEWIS	49 Park Road, Dartford. Trevithin, Park Rd., Penarth.
1000	*** D	Messrs. Ruston, Proctor & Co., Via
1906.	HAAN, PETER DE	Parini 9, Milan, Italy.
1905.	HAILE, WALTER HENRY	Oakfield, Peckham Rye, S.E.
1908.	HAMILTON, HARRY	Nottingham Terrace, 431 Eccles New Rd., Weaste, Manchester.
1904.	{Hamilton, Henry Edward Redmond	Le Grands Hotel, Port Daniel, Quebec, Canada.
1905.	HANFORD, RUPERT	Messrs. Bayliss, Jones & Bayliss, Victoria Works, Wolverhampton.
1903.	HARLISS, WILLIAM LEWIS	1 Belmont Tce., Aberaman, Aberdare.
1902.	HARMAN, FREDERICK BERKE-	14 Walmer Crescent, Paisley Rd. West, Glasgow.
1904.	HARRIS, ALBERT EDWARD	5 Etta Street, New Cross, S.E.
1908.	HARRIS, COLIN HARMAN	The Limes, Coventry Road, Ilford. (11 Great George St., Westminster,
1904.	HARRIS, HENRY LIONEL	S.W.
1908.	HARTREE, RAYMOND	Havering, Tunbridge Wells.
1908.	{HASELGROVE, WILLIAM HAROLD	48 Crofton Rd., Camberwell, S.E.
1904.	HASWELL, JOHN FREDERICK	Messrs. Hughes & Lancaster, Acrefair, Ruabon.
1909.	HATCH, WILLIAM ASHTON	Fairfield, Powis Road, Preston.
1902.	{Hatfield, Kenneth George Stacy	10 Tavistock Square, W.C.
1908.	HAYES, MORGAN WILFRID	(81 Waverley Rd., Southsea, Portsmouth.
1907.	Hazzi, Joseph Alexander	Aswan Reservoir, Aswan, Egypt.
1906.	HEAD, GEORGE BURGES DIGBY	Messrs. Marshall, Sons & Co., Britannia Iron Works, Gains- borough.
1902.	HEARD, FREDERICK GEORGE	43 Granville Rd., Stroud Green, N.
1905.	HEARN, ERNEST WILLIAM	Borough Surveyor's Office, Tamworth.
1907.	Неатн, John	52 Glencoe Rd., Norfolk Park, Sheffield.
1905.	HEBDEN, GEORGE BRENTNALL	7 Morrison St., Niagara Falls, Ontario, Canada.
1908.	HENDERSON, HAROLD ROBERT	Hughenden, Perth.
1907.	HENRIQUES, PHILIP QUIXANO	Messrs. J. H. Wilson & Co., Dock Road, Seacombe, Birkenhead.
1909.	HENRIQUES, WILFRID QUIXANO	Messrs. John H. Wilson & Co., Birkenhead.
1907.	Heppell, Sidney Kirkness	20 Elton Street, Old Trafford, Manchester.

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1907.	HERIOT, CHARLES ADRIAN MAITLAND	Whitecroft, Ruthwell, S.O., Dumfries-shire.
1902.	TY A	9 Cloak Lane, Cannon St., E.C.
1906.	TI Tanana Tanana	12 Rue Haut Port, Gand, Belgium.
		(Home Park, Uxbridge Rd., King-
1903.	HILDITCH, GEORGE WALLS	ston-on-Thames.
1906.	HILL, FREDERICK ARTHUR	Montague Place, Kemp Town, Brighton.
1909.	HILL, FREDERICK THOMAS	14 Borthwick Rd., Leytonstone, N.E.
1909.	HILL, HAROLD	322 Blackburn Rd., Bolton.
1907.	HILLER, LIONEL	75 Lindley St., York.
1905.	HILLHOUSE, JOHN PATON	St. Valerie, Calthorpe Rd., Edg- baston, Birmingham.
1908.	HITCHCOCK, GEOFFREY ED-	41 Leinster Gardens, Bayswater, W.
1004		(Mansion House Chbrs., 20 Buck-
1904.	Hodgson, Harold Cecil	lersbury, E.C.
1891.	HODGSON, WILLIAM JAMES	Wesley St., Carrington, Notting- ham.
1000	VI VI	Carno Reservoir, Beaufort, S.O.,
1906.	Hodson, Fred	Breconshire.
1903.	Hodson, Reginald Cecil	sc/o William Hodson, 7 Finsbury
		Sq., E.C.
1887.	Hogg, William	Craigmore, Blackrock, Co. Dublin.
1905.	HOLLINGSWORTH, FREDERICK	Tech. Dept., Vacuum Oil Co., Box
	,	520, Cape Town, Cape Colony.
1907.	Hollingsworth, John Gordon	35 & 36 Bedford Street, Strand, W.C.
1905.	HOLLOWAY, FRANK HERBERT	19 Cedars Rd., Clapham Common,
	(Holthouse, Charles Scraf-	(6 Devenshing St. Portland Place
1903.	TON	6 Devonshire St., Portland Place, W.
1905.	Homan, Arthur Knox	Asst. Dist. Loco. Supt., N. W. Rly.,
		Lahore, India.
1908.	HOOPER, SIDNEY HERBERT	Lansdown, West Derby, Liverpool.
1908.	HOOPER, WILLIAM FREDERICK	Adams Manufacturing Co., Elstow Road, Bedford.
1907.	Hopkinson, Arthur	Sheepbridge Coal & Iron Co., Chesterfield.
1904.	Hour, Robert	Messrs. A. Sauvée & Co., 60 Park St., Southwark, S.E.
1889.	HOWARD, GEOFFREY	Britannia Iron Works, Bedford.
1000	Hamina Hinny Liver	Messrs. Colman's Mustard Mills,
1883.	Howard, Harry James	Carrow Works, Norwich.
1903.	Howard, Percy	Long View, Warren Rd., Bexley Heath, S.O., Kent.
1909.	Howarth, John	c/o Thos. Howarth, Lower Terrace Rd., Tideswell, Buxton.
1907.	HUBBLE, ARTHUR WILLIAM	Wyndham Lodge, Heathfield Rd., Mill Hill Park, W.
1000	**	Water Works Engineer's Office,
1903.	HUGHES, FREDERICK	City Hall, Cardiff.
1904.	HUGHES, FREDERICK PETER	Heathfield, Priory Lane, Black- heath, S.E.
1907.	HUGHES, STANLEY CHESTER	Chesterfield, 4 Prince's Rd., Wimbledon.
		Tilbury Contracting & Dredging
1907.	HUGHES, WALTER ERNEST	Co. (1906), Providence Wharf, E. Greenwich, S.E.

Date of	Election.
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1907.	Hull, John Francis	10 Highbury Terrace, N.
1909.	Humble, George Craster	1 Jubilee Villas, Weston Grove Rd., Woolston, Southampton.
1907.	Humm, George Herbert	19 Hatherley Rd., Walthamstow, N.E.
1907.	HUMPHREYS, HENRY	20 Glentham Road, Barnes, S.W.
1909.	Hunt, Henry Francis	Cotsford, Uplands Park, Enfield, Middx.
1909.	HUNTER, FREDERICK ARTHUR	Wolseley Tool and Motor Car Co., Adderley Park, Birmingham.
1905.	HUNTLEY, HORACE FREDERICK	18 North St., Peterborough.
1907.	HUTCHINSON, GEORGE VICTOR VALENTINE	Loco. Dept., G. S. & W. Railway, Inchicore, Dublin.
1908.	HYMENEOS, JOHN DIMITRI	Tantah, Egypt.
1907.	IDLE, CHRISTOPHER CHARLES	37 St. Leonard's Avenue, Bedford.
1902.	Inchley, William	Engineering Dept., University College, Nottingham.
1902.	IRONSIDE, PERCY HUMPHREY	Transvaal Gold Mining Estates, Pilgrims Rest, Transvaal.
1908.	ISTED, WALTER DUDLEY	Rosebery, Burgess Hill, S.O., Sussex.
1905. 1909.	IVATT, HENRY GEORGE	17 Heathfield Avenue, Crewe.
1909.	IVEY, STEPHEN FRANK	Ivydene, New Town, Colchester.
1906.	Jalland, Geoffrey	St. Leonard's House, York.
1908.	JAMES, ERNEST FREDERICK	4 Rookery Rd., Bournbrook, Birmingham.
1902.	JANTZEN, PAUL HERMANN HUDDEN	Messrs. Siemens Bros. & Co., Stafford.
1906.	JAMES	60 St. Awdry's Rd., Barking.
1910.	JENKINS, RHYS TREVOR	38 Southwood Avenue, Highgate, N.
1904.	JERVIS, BERESFORD CLAYTON	(c/o James T. Jervis, Queen Anne's Chambers, Westminster, S.W.
1909.	Jockel, Lauret Marshall	(c/o Cunningham, 453 Duke St., Dennistoun, Glasgow.
1907. 1907.	Johnson, Maurice Cowper Johnson, William Percy	Westminster, Bloemfontein, O.R.C. Overdale, Kelsall Hill, Cheshire.
1906.	Johnston, Alexander David-	Messrs. Henry Simon, 20 Mount
1300.	\ son, Jun	St., Manchester. 4 Honeybourne Rd., West Hamp-
1907.	JONES, ARTHUR EDWARD	stead, N.W.
1908.	JONES, EDGAR PRICE	17 Heathfield Avenue, Crewe. (178 Church Hill Rd., Handsworth,
1907.	JONES, HAROLD SHAW	Birmingham.
1907. 1909.	Jones, Harry Owen	The Slate Works, Portmadoc. 152 Anfield Rd., Liverpool.
1903.	Jones, Stinton James	Russian Westinghouse Co., Goro-
1891.	JORDAN, FREDERIC WILLIAM	chavaija 61, St. Petersburg. 349 Euston Rd., N.W.
1910.	KARN, RAYMOND EDWARD	106 Haverstock Hill, N.W.
1906. 1908.	KEILLER CLIETON MAGNER	Messrs. Dennis Bros., Guildford. (Springfield, Brackley Rd., Becken-
1300.	KEILLER, CLIFTON MACNEE.	ham.

be of Election	и.	
1904.	KENDALL, ALFRED HAROLD	126 Ivor Rd., Sparkhill, Birming-
1908.	KENT-NORRIS, HENRY, Jun.	ham. Eagle Iron Works, Newbury.
1905.	KIEFERT, CHARLES	19 Henderson Rd., College Park,
1000.	•	Wandsworth Common, S.W. Dundee Motor Carriage Co., 166
1908.	KING, BRIAN TREVOR LOR-	Seagate, Dundee.
1906.	KING, HERBERT EDWARD	Heatly Gresham Engineering Co., Letchworth, Herts.
1904.	KING, HORACE HENRY	Windsor Cottage, Bodmin.
1908. 1907.	KING, STEPHEN HOLMES KINGSBURY, HAROLD	26 Perth Road, Finsbury Park, N. Burton Dassett, Herne Hill, S.E.
1908.	(KRÖNIG, HEINRICH HERMANN)	58 Broxholme Lane, Doncaster.
	(GUSTAV)	(13 Rue Nebi Daniel, Alexandria,
1909.	Kypriadis, Marinos	Egypt.
1905.	LACEY, ONWARD BAYES	265 Walthall St., Crewe.
1908.	LAIDLER, CHARLES REMFRY	c/o Mrs. Goerbey, Gavino's Bldgs.,
		Governor St., Gibraltar. (Phœnix Engine Works, Cranbrook
1905.	Lane, Harry Joseph	St., Old Ford Rd., E.
		Traccion y Talleres, F. C. de B. A.
1908.	Langdon, Douglas Eckley	al Pacifico, Junin, F. C. P.,
		Argentine Republic. Bromley Gas Works, Bromley,
1905.	Larkin, Leslie	Kent.
1908.	LARTER, WILLIAM LEANDER	Messrs. R. & T. Elworthy, Elizabethgrad, Russia.
1904.	LAW, HORACE CECIL	55 Melville Rd., Edgbaston, Bir-
1909.	LAWFORD, ARTHUR NIVEN	mingham. Bryn-Tirion, Cheltenham.
1907.	Lawlor, Alfred Fennell	sc/o Instn. of Engrs. & Shipbuilders
		of Hong Kong, Hong Kong, China.
1908.	LAWRENCE, LAWRENCE ERNEST	5 Carholme Rd., Lincoln. Jesmond, Lynmouth Rd., Stam-
1906.	Lawson, John Heslin	ford Hill, N.
1909.	LEA, JOHN ARTHUR	17 Duncan St., Kimberley, Cape
		Colony. (Hillside, Tottington Rd., Brad-
1908.	LEACH, FELIX	shaw, Bolton.
1906.	LEACH, GEORGE BERTRAM	Willow Bank, South St., Rochdale.
1908.	Ledwick, George, Jun	Rose Hill, Blackrock, Co. Dublin.
1909.	LEE, ALFRED THEOPHILUS (LEE, JOSEPH STANDISH)	Yetminster Vicarage, Sherborne.
1906.	SEARCHFIELD	P. W. D., Lucknow, India.
1908.	LEE, LIONEL JAMES	124 Rosslyn Street, Liverpool.
1907.	LEEK, HARRY BIRCH	10 North St., Leek.
1908.	Leese, John Scurb	70 Richmond Grove, Manchester.
1909.	LEIGH, JULES MARIUS ROGER	c/o Miss Schellenbaum, 41 Geisel- weidstrasse, Winterthur, Swit-
1004	T 387	zerland. Water Engineer's Office, Town Hall,
1904.	LESTER, WILLIAM HENRY	Wolverhampton.
1907.	LETHBRIDGE-WALTER,	St. Wolfrans, Blackheath, S.E.
	CHARLES EDWARD HERBERT)

1906.	Lewis, Frederick Arthur	Govt. Laboratory, Muktesar, Naini Tal District, U.P., India.
1906.	{Lewis, Rowe Crompton Morrish	Carr. & Wagon Dept., E. I. Rly., Lillooah, Calcutta.
1886.	{Lewis, William Thomas Watkin	Engineer's Office, Bute Docks, Cardiff; and Eastbrook Hall, Dinas Powis, Cardiff.
1903.	L1 Fo K1	Légation Impériale de Chine, Brussels, Belgium.
1902.	LIGHTFOOT, KENNETH	Linde British Refrigeration Co., 35 Queen Victoria St., E.C.
1905.	{LITTLEJOHN, WILLIAM ALEX-}	45 Delhi St., Belfast.
1906. 1904.	LLOYD, CHARLES GRAHAM LLOYD, GEORGE WILMOT	86 Cathedral Road, Cardiff. 139 Walm Lane, Cricklewood, N.W.
1904.	LLOYD, WILLIAM EDWARD	Municipal Offices, Tuns Gate, Guildford.
1903. 1908.	LLOYD-PARTON, FRED [LOCKWOOD, JOHN ERNEST] SYKES	23 Allen Rd., Wolverhampton. (c/o Lewis W. Goold, 5 Corporation St., Birmingham.
1906.	LONGBOTTOM, JOHN LEONARD	Surveyor's Dept., County Hall, Wakefield.
1907.	Lowe, ARTHUR CYRIL	21 Fargate, Sheffield.
1908.	LOXDALE, JAMES JOSEPH HUGH	Saundby Grove, near Gains- borough.
1910.	Lucas, Frederick William	Messrs. Lucas & Son, 240 Brixton Hill, S.W.
1907.	LUCEY, AMBROSE NOEL	The Heights, Haslemere, S.O., Surrey.
1907.	MACAULAY, MAXWELL STANLEY	(c/o McCallum, Esq., Maison Singo, Ibrahimieh, Alexandria, Egypt.
1907. 1906.	(MacDonald, William Robin-)	(c/o McCallum, Esq., Maison Singo, Ibrahimieh, Alexandria, Egypt. South St. Roque's Works, Dundee.
1906. 1903.	(MacDonald, William Robin-) son	Ibrahimieh, Alexandria, Egypt.
1906.	(MacDonald, William Robin- son	Ibrahimieh, Alexandria, Egypt. South St. Roque's Works, Dundee.
1906. 1903.	(MacDonald, William Robin-) son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W.
1906. 1903. 1908.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W.
1906. 1903. 1908. 1907.	MacDonald, William Robin- Son	Ibrahimieh, Alexandria, Egypt. South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool.
1906. 1903. 1908. 1907. 1907.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. (F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. (Roecliff Lodge, Corbridge, S.O.,
1906. 1908. 1907. 1907. 1908. 1907.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. (F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom.
1906. 1908. 1907. 1907. 1907. 1908. 1907. 1905. 1907.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W.
1906. 1908. 1907. 1907. 1907. 1908. 1907. 1905. 1909.	MacDonald, William Robin- son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. (Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton.
1906. 1908. 1907. 1907. 1907. 1908. 1907. 1905. 1907.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. (F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. (Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. (British Cigarette Co., Pootung Factory, Shanghai, China.
1906. 1908. 1907. 1907. 1907. 1908. 1907. 1905. 1909.	MacDonald, William Robin- son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. British Cigarette Co., Pootung Factory, Shanghai, China. 3 Morland Rd., Byculla, Bombay, India.
1906. 1908. 1907. 1907. 1907. 1905. 1907. 1909. 1909. 1905.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. British Cigarette Co., Pootung Factory, Shanghai, China. 3 Morland Rd., Byculla, Bombay, India. Waihi G. M. Co., Waikino, Auck-
1906. 1908. 1907. 1907. 1907. 1905. 1907. 1909. 1909.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. (Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. (British Cigarette Co., Pootung Factory, Shanghai, China. 3 Morland Rd., Byculla, Bombay, India. Waihi G. M. Co., Waikino, Auckland, N.Z. Wooth Grange, Bridport.
1906. 1908. 1907. 1907. 1907. 1905. 1907. 1909. 1909. 1909.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. British Cigarette Co., Pootung Factory, Shanghai, China. 3 Morland Rd., Byculla, Bombay, India. Waihi G. M. Co., Waikino, Auckland, N.Z. Wooth Grange, Bridport. The Grange, Stallingborough,
1906. 1908. 1907. 1907. 1908. 1907. 1905. 1907. 1909. 1905. 1909. 1907. 1905.	MacDonald, William Robin- Son	South St. Roque's Works, Dundee. 4 Coleman St., E.C. 17 Rosemont Rd., Acton, W. 28 Victoria St., Westminster, S.W. F. C. O. de B.A., Estacion Once de Septiembre, Buenos Aires, Arg. Rep. Grantully, West Hartlepool. The Hermitage, Epsom. (Roecliff Lodge, Corbridge, S.O., Northumberland. 29 Renal's St., Mill Hill, Derby. 46 York St., Bryanston Square, W. 4 Hamilton Terrace, Brighton. (British Cigarette Co., Pootung Factory, Shanghai, China. 3 Morland Rd., Byculla, Bombay, India. Waihi G. M. Co., Waikino, Auckland, N.Z. Wooth Grange, Bridport.

1907.	MARCUSE, EUGEN GERALD	Dunedin, Caterham Valley, S.O., Surrey.
1907. 1906.	Marr, Arthur Seymour Marsh, Charles Kenneth	63 Glenfarg Rd., Catford, S.E. 10 Park Rd., Melton Mowbray.
1904.	MARSHALL, ALBERT EDWARD	149 Worfield St., Battersea Park,
	(MARTIN, HENRY COLVIN ROW-	S.W. St., Toronto, Ont.,
1907.	LAND	Canada.
1905.	MASON, HERBERT RICHARD	Messrs. Vickers Sons & Maxim, Erith, S.O., Kent.
1908.	MATTHEWS, ERNEST	5 Milman Rd., Monks Rd., Lincoln.
1886.	MATTOS, ALVARO GOMES DE	§98 Rua da Sande, Rio de Janeiro, Brazil.
1902.	Maw, Arthur Ernest	Wellington House, Trinity St., Gainsborough.
1907.	MAY, GEOFFREY HINDMARSH	24 Queen's Rd., Erith, S.O., Kent.
1908.	May, Sydney Herbert Edwin	H.M. Patent Office, 25 Southampton Buildings, W.C.
1907.	McCallum, Percy	139 Osmaston Rd., Derby.
1906.	McDonald, William	Braemar, Westcombe Park Rd., Blackheath, S.E.
1909.	McGroarty, Roland Dryden	11 Whitworth Rd., S. Norwood, S.E.
1906.	McQuhae, William McVittie, Malcolm John-	23 Belvedere St., Workington. §41 Alexandra Place, Newcastle-on-
1908.	STONE	Tyne.
1909.	MEADE-KING, RICHARD EVELYN BEAUCHAMP	24 Cavendish Place, Jesmond, New-castle-on-Tyne.
1906.	MEADOWS, ALBERT	(c/o Mr. Dolman, Y.M.C.A., Detroit, U.S.
1905.	Megirian, Joseph James	209-72nd St., Bay Ridge, Brooklyn, New York, U.S.
1908.	Mehta, Frankoz Dhanjishaw	Rice Mills, Bhiwandi, Thana District, Bombay.
1909.	MERCER, GEORGE HENRY	1 Park Rd., Round's Green, Oldbury, Birmingham.
1908.	MILLER, LEONARD CHALLINOR	14 Carlton Road, Brockley, S.E.
1903.	MINETT, ALBERT ERNEST SCULTHORPE	(c/o Messrs. Scott & Co., Bankers, Rangoon, Burma.
1900.	Minors, Ernest	City Engineer's Office, Guildhall, Worcester.
1906.	Minshull, John Williams	Engineering Dept., Battersea Polytechnic, S.W.
1902.	MITCHELL, WILLIAM GEORGE	Ingledene, Windsor.
1907.	Mobbs, Stuart Kilsby	34 Angell Rd., Brixton Hill, S.W. Municipal Technical School,
1905.	Monaghan, Thomas Joseph	George St., Limerick.
1907.	Monks, Patrick Joseph	Ardeevin, N. Circular Rd., Phœnix Park, Dublin.
1908.	Moore, Earle Sidney Charles	Devoncroft, Twickenham.
1907.	Moore, Edward Stapleton	67 Onslow Square, S.W.
1903.	Moore, Francis Charles	9 Lombard Chbrs., Pitt St., Sydney, N.S.W.
1909.	Moore, Ronald Charles	9 Mountjoy Place, Newport, Mon.
1906.	Morgan, Frederick John	Hulsewood, Dartford. (Messrs. W. R. Sykes' Interlocking
1906.	Morgan, Herbert Edward	Signal Co., Station Rd., Clapham, S.W.
1902.	Morgan, William Henry	9 Chatsworth Rd., Croydon.

1908.	(MORRELL, Lieut. GEORGE (c/o Messrs. Cox & Co., 16 Charing
1910.	MARK, R.E Cross, S.W. MORRIS, REGINALD GORDON . St. Elmo, Morley St., Gainsborough.
1907.	Morris, Sidney William 101 Spencer Place, Leeds.
1903.	MORBIS, WILLIAM EDWARD 15 Greyhound Rd., Tottenham, N.
1906.	Moss, Ernest William {20 Huddlestone Rd., Tufnell Park, N.
1907.	Moss, Francis Charles Woodside, Moorgate, Rotherham.
1909.	MOTT, REGINALD JOHN 24 Selborne Rd., Ilford. (1st Circle of Irrigation, P.W.M.,
1906.	Cairo, Egypt.
1909.	MUGASETH, BAJUN MANECK 30 Palace Rd., Upper Norwood, S.E. (Thames Engineering Works, Green-
1905.	MUNYARD, MATTHEW HENRY wich, S.E.
1907.	MURFIN, LOUIS JOHN JAMES (c/o Druitt Halpin, 17 Victoria St., Westminster, S.W.
1892.	MURPAN DAVID TAMES School Miss Martin, 58 Strathmore
1032.	(I.u., Dundee.
1905.	MYERS, ARCHIBALD CHARLES 19 Avignon Rd., Brockley, S.E.
1908.	Names Henry Hungar Tour Churchfield Felmouth
	Napier-Hemy, Hubert John Churchfield, Falmouth. (Nash, Henry Algernon) Electric Construction Co., Wolver-
1904.	FRASER hampton.
1907.	NAYLOR, THOMAS LIDDLE {c/o Mrs. Ramagge, 17 Convent Place, Gibraltar.
1907.	(Nelson Crescent Nanier South
1901.	NELSON, LIONEL New Zealand. (Redhill House, Bassett, South-
1907.	NEVILL, ARCHER JOHN { Rednin House, Dassett, South-
1905.	NEWLANDS, ARTHUR HERBERT 159 Westmorland Rd., Newcastle-
1000	(Vancouver Power Co Lake Bunt
1908.	NEWMAN, REGINALD DODMAN (zen, Vancouver, B.C.
1909.	NIEN, CHAR KING \(\) \(\{ \) Salisbury Rd., Birchfield, Birmingham.
1905.	NORRISH, HUGH ROPER BAR- Hawley House, Tudor Rd., Upper
1000.	(NORTHCOTT, HENRY HANS MAC-) & Forly Court So. S. W.
1904.	FARLANE 6 Earl's Court Sq., S.W.
1907.	NORWOOD, CHARLES ROLAND 404 Goldhawk Rd., Chiswick, W.
1909.	NOYCE, CHARLES HALSTED {2 Railway Road, Urmston, Manchester.
	(WARNEST.
1909.	O'BRIEN, GEORGE HOLME, Glenageary, Church Rd., Urmston,
1000	B.Sc Manchester. (Brendon, Tressillian Rd., Brock-
1903.	ley, S.E.
1905.	ORAM, ROBIN EDGAR CECIL Nagda Muttra State Rly., Sham- garh, Rajputana, India.
1906.	O'Proper Grange Enancies (Municipal Technical School, Park
	(3 Highbury Place Abhott's Lane
1905.	Coventry.
1883.	OSBORN, WILLIAM FAWCETT {Clyde Steel and Iron Works, Sheffield,
	(Hotel

1904.	OWEN, EDWARD HUGHES	
1909.	OWEN-GRIFFITHS, WILLIAM	(41 North Road, Longsight, Man- chester.
1906.	Oxbrow, Charles Edward	(110 Obstansath Assessed Osmall

1907.	PACEY, STEWART OSWALD	Hill Crest, Burghwallis, Doncaster.
1909.	PAFFETT, Eng. Lieut. WILLIAM FREDERICK, R.N.	(H.M.S. "Hibernia," c/o Postmaster General, E.C.
1906.	PALMER, ALBERT EDWARD	Engineering Dept Northampton Institute, Clerkenwell, E.C.
1905.	PALMER, EDWARD WILLIAM	14 Cecil Road, Harlesden, N.W.
1909.	Pannell, John Robert	Orford House, Waldegrave Park, Strawberry Hill, Twickenham.
1908.	Parish, Herbert Leslie Okes	Hill House, Great Baddow, Chelmsford.
1906.	Parsons, Joshua	(Signal Supt's. Office, Midland Railway, Derby.
1906.	PAYNE, FRANK JOSEPH	Asst. Eng., Kotri, Karachi Dis- trict, Scinde, India.
1901.	PEACOCK, JESSE BUTLER	Egyptian Delta Light Rlys., Zaga-
1908.	PEARSON, VERNON	zig, Egypt. 1 Otford Road, Sevenoaks.
1906.	PEARSON, WALTER	53 Lower Beechwood Ave., Rane-
	I BAGOUN, WALLER	lagh, Dublin.
1902.	PENN, BERTRAM HARLEY	3 Flanders Rd., Bedford Park, Chiswick, W.
1901.	PENN, REGINALD WILLIAM	3 Flanders Rd., Bedford Park, Chiswick, W.
1907.	PENROSE, PHILIP OWEN	H.M.S. "Indus," Devonport.
1904.	PERCY, HARRY LEONARD	13 Hanger Lane, Ealing, W.
1907.	PEREIRA, ROBERT ARTHUR	Sea View, Cannanore, Malabar, India.
1907.	PERKINS, WILLIAM SYDNEY REGINALD	145 Brigstock Rd., Thornton Heath, Surrey.
1907.	PERKS, THOMAS, Jun	Messrs. Crosfield's Soap Works, Warrington.
1906.	PERRY, FREDERICK BUCKLAND	(c/o A. J. Slaney, Oakengates, Wellington Solon
1902.	PETRIE, PERCIVAL	lington, Salop. 25 Bridge Rd. West, Battersea, S.W.
1909.	PETTIT, HERBERT CHARLES	(9 Burnham Terrace, Yoker, Clydebank, Glasgow.
1909.	Davova Vunum C. D.	c/o Miller's Stores, 17 Gracechurch
1303.	PEYCKE, VERNER CARL	St., E.C.
1890.	Риплевом, Јонм	27 Pilgrim St., Newcastle-on-Tyne. [Carriage, Newcastle-on-Tyne. 1641.]
		27 Pilgrim St., Newcastle-on-Tyne.
1884.	PHILIPSON, WILLIAM	[Carriage, Newcastle-on-Tyne. 1641.]
1907.	PILE, WALTER DEVEREUX	237 Willesden Lane, N.W.
1905.	PIRRIE, ROBERT HAMILTON	Messrs. Richardson & Cruddas, Byculla, Bombay.
1906.	POLLARD, HUGH BERTIE CAMP-	51 Queen Anne's St., Cavendish Square, W.
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1909.	Ponsonby, Guy Evelyn	Chief Eng., The Boring Syndicate, Ozzano Taro, Parma, Italy.
1909.	{Poole, Gordon George Thomas	126 Hudson Road, Plumstead.
1909.	Poole, Lesley Gower	Silonibari Tea Estate, North Lak-
1905.	Powell, Charles Russell	himpur, Assam, India. The Motor Club, Coventry St., W.
1902.	Downer Henry	Messrs. Rose Brothers, Albion
1302.		Works, Gainsborough. (Asst. Traffic Supt., Burma Rlys.Co.,
1906.	POWER, ROBIN TURENNE	Rangoon, Brit. Burma.
1905.	Prevôst, Henri Arthur	c/o A. T. Prevôst, P.O. Box 5400, Johannesburg, Transvaal.
1905.	PRIEST, CLARENCE SIDNEY	Messrs. C. Churchill & Co., 2-10 Albert St., Birmingham.
1904.	PROSSER, NATHANIEL LITTLER	Sleaford Villa, Caldecott St., Rugby.
1909.	PRYCE, WILFRED HARRY	22 The Square, Fairfield, Man- chester.
1904.	Pudsey, Fawcett	Dock Engineer's Office, N.E. Rly.,
1909.	PULLMAN, HUGH	Hull. 12 Castle St., Sneinton, Nottingham.
1905.	PUTNAM, PERCY FRANCIS	Blakesley, Moss Hall Villas, Finch-
1900.	I CINAM, I ERCI PRANCIS	ley, N.
1908.	QUINTON, WALTER RICHARD	62 Vernham Rd., Plumstead.
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1907.	Rayner, Arthur James	(Thomason Civil Engineering College, Roorkee, N. W. P. India.
		lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direction
1907. 1906.	Rayner, Arthur James Rayner, Herbert	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S.,
		lege, Roorkee, N. W. P., India. c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W.
1906.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co.,
1906. 1908.	RAYNER, HERBERT REAN, WILLIAM HENRY	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd.,
1906. 1908. 1902. 1905.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane,
1906. 1908. 1902. 1905.	RAYNER, HERBERT REAN, WILLIAM HENRY REEVE, EDWARD REEVE, FRANCIS HENRY RENDELL, HENRY THOMAS	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough.
1906. 1908. 1902. 1905. 1905. 1884.	RAYNER, HERBERT REAN, WILLIAM HENRY REEYE, EDWARD REEVE, FRANCIS HENRY RENDELL, HENRY THOMAS REYNOLDS, THOMAS BLAIR	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C.
1906. 1908. 1902. 1905. 1905. 1884. 1907.	RAYNER, HERBERT REAN, WILLIAM HENRY REEVE, EDWARD REEVE, FRANCIS HENRY RENDELL, HENRY THOMAS REYNOLDS, THOMAS BLAIR RICHARDS, CLIFFORD CHARLES	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Manchester.
1906. 1908. 1902. 1905. 1905. 1884. 1907.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Manchester. (Y. M. C. A., 25 Chowringhee, Calcutta, India.
1906. 1908. 1902. 1905. 1905. 1884. 1907. 1903.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Manchester. (Y. M. C. A., 25 Chowringhee, Calcutta, India. East Parade Chambers, Leeds.
1906. 1908. 1902. 1905. 1905. 1884. 1907.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. (Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Manchester. (Y. M. C. A., 25 Chowringhee, Calcutta, India.
1906. 1908. 1902. 1905. 1905. 1884. 1907. 1903.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Manchester. (Y. M. C. A., 25 Chowringhee, Calcutta, India. East Parade Chambers, Leeds. (10 Nawab Putti Rd., Chitpore, Calcutta. 25 Campden Hill Square, W.
1906. 1908. 1902. 1905. 1905. 1884. 1907. 1903. 1904.	RAYNER, HERBERT	lege, Roorkee, N. W. P., India. c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. Somerset Villas, St. Peter's Rd., Margate. Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. 38 March St., Con-M., Man- chester. Y. M. C. A., 25 Chowringhee, Calcutta, India. East Parade Chambers, Leeds. 10 Nawab Putti Rd., Chitpore, Calcutta. 25 Campden Hill Square, W. Park Lodge, Eltham, Kent.
1906. 1908. 1902. 1905. 1905. 1884. 1907. 1903. 1904. 1906.	RAYNER, HERBERT REAN, WILLIAM HENRY REEYE, EDWARD REEVE, FRANCIS HENRY RENDELL, HENRY THOMAS REYNOLDS, THOMAS BLAIR RICHARDS, CLIFFORD CHARLES RICHARDS, SAMUEL HOPE RICHARDSON, JOHN STOCKS RICKIE, ALEXANDER JOHN ROBBINS, HENRY (ROBERTS, EDWIN GILBERT)	lege, Roorkee, N. W. P., India. (c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. (Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. Somerset Villas, St. Peter's Rd., Margate. (Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. (38 March St., Con-M., Man- chester. (Y. M. C. A., 25 Chowringhee, Calcutta, India. East Parade Chambers, Leeds. (10 Nawab Putti Rd., Chitpore, Calcutta. 25 Campden Hill Square, W. Park Lodge, Eltham, Kent. (Messrs. Boult, Wade and Tennant,
1906. 1908. 1902. 1905. 1905. 1884. 1907. 1903. 1904. 1906. 1909.	RAYNER, HERBERT REAN, WILLIAM HENRY REEYE, EDWARD REEVE, FRANCIS HENRY RENDELL, HENRY THOMAS REYNOLDS, THOMAS BLAIR RICHARDS, CLIFFORD CHARLES RICHARDS, SAMUEL HOPE RICHARDSON, JOHN STOCKS RICKIE, ALEXANDER JOHN ROBBINS, HENRY (ROBERTS, EDWIN GILBERT LEWELLYN	lege, Roorkee, N. W. P., India. c/o Leonard Cooper, Direccion Obras Desagues, Dolores, F.C.S., Buenos Aires, Arg. Rep. 88 Oxford Gardens, W. Wolseley Tool & Motor Car Co., Adderley Park, Birmingham. Somerset Villas, St. Peter's Rd., Margate. Conegar, Stoke Poges Lane, Slough. 32 Old Jewry, E.C. 38 March St., Con-M., Man- chester. Y. M. C. A., 25 Chowringhee, Calcutta, India. East Parade Chambers, Leeds. 10 Nawab Putti Rd., Chitpore, Calcutta. 25 Campden Hill Square, W. Park Lodge, Eltham, Kent.

GRADUATES.

	48.6	
1904.	ROBERTS, ROBERT JAMES	(c/o Mrs. Bannister, Dirleton Gardens, Alloa.
1902.	ROBERTS, WALTER SLINGSBY	409 Elmwood Avenue, Buffalo, New York, U.S.
1909.	ROBINSON, CYBIL ELLETT	293 Willesden Lane, Willesden Green, N.W.
1907. 1909.	RODD, JOHN MOYES	46 Lee Street, Plumstead. 45 Newbold Road, Rugby.
1909.	Rose, Nathaniel	7 Vicarage Villas, Neasden Lane,
1905.	Rose, William Alexander	Willesden, N.W. Gainsborough St., Plymouth
1901.	ROUSE, FREDERICK ROBERT CHARLES	Grove, Manchester. 53 St. George's Rd., Regent's Park, N.W.
1909.	ROWELL, HENRY SNOWDEN	National Physical Laboratory Bushy House, Teddington.
1909.	Royle, John Sanderson	12 Brougham Road, Seacombe, Birkenhead.
1888. 1907.	RÜMMELE, ALFREDO RUSHDY, ABDULLAH	3 Foro Bonaparte, Milan, Italy. Beni-Suef, Egypt.
1909.	RUSSELL, ALEXANDER COCK-	
	(20121, 0 1111	
1906.	SALWAY, ALEC DUDLEY	45 Hermitage Rd., Finsbury Park, N.
1907.	SANDERS, THOMAS HENRY	c/o George Cawley, 25 Victoria St., Westminster, S.W.
1907.	SAVILLE, HERBERT	c/o The Chestnuts, Donnington, Newport, Salop.
1908.	SAXELBY, FRED ALBERT	Messrs. H. Morris & Bastert, 2 Norfolk St., Strand, W.C.
1909.	Saxon, Leonard	1930 Ashton Old Rd., Higher Open- shaw, Manchester.
1909.	SCHNEIDER, HERBERT HUGO	Granville House, Overhill Road, East Dulwich, S.E.
1902.	SCHULTZ, GEORGE CHRISTO-	Loco. Dept., Midland Railway,
1881.	SCOTT, ERNEST	Close Works, Newcastle-on-Type
1908.	SCOTT, GEORGE HERBERT	[Esco, Newcastle-on-Tyne. 1259.] Dunluce, Western College Rd.,
1910.	SCOTT, JOHN BECKETT	Mannamead, Plymouth. 38 Canfield Gdns., Hampstead, N.W.
1907.	SCOTT, WILLIAM	37 Caldecott St., Rugby.
1909.	SELLS, MARTIN PERRONET	132 Balgray Hill, Springburn, Glasgow.
1908.	SEYMOUR, CHARLES MARK	29 Greenhill Road, Cheetham Hill, Manchester.
1907.	SHARP, FRANCIS SAMUEL	British Oxygen Co., Elverton St., Westminster, S.W.
1906.	SHAW, ARCHIBALD THOMAS	76 Preston St., Faversham.
1905.	SHEARMAN, JOHN, Jun	16 Frognal Gardens, Hampstead, N.W.
1908.	SHENSTONE, WILLIAM McCAL-	128 Hamlet Gardens, Ravenscourt Park, Hammersmith, W.
1909.	SHENTON, CHARLES FRANCIS GODWIN	35 King William Street, London Bridge, E.C.

1908.	SHIELDS, HERBERT FREDERICK HENRY	St. Margaret's, 61 Lynton Rd. South, Gravesend.
1903.	SHIRREFF, JAMES ARTHUR	East Cote, Chaddesley-Corbett, Kidderminster.
1909.	SIA, WAICHING V	Applied Science Dept., The University, Sheffield.
1908.	SIBETH, EDWARD FRANCIS	10 Charlton Road, Blackheath, S.E.
1909.	SIDDLE, WILFRED LEAR	Sherbrooke Lodge, 3 Acre Lane, Brixton, S.W.
1905.	SIMPSON, FREDERICK DUDLEY	Messrs. F. R. Simpson & Co., Old- bury, Birmingham.
1902.	SINGTON, LEONARD FRANCIS SYMONS	Howe Electrical Engineering Co., 18 James St., Liverpool.
1905.	SKIDMORE, THOMAS EMMOTT	British Cigarette Co., Pootung Factory, Shanghai, China.
1903. *	SMART, DAVID HOWARD ST. BARBE	Westminster Motor Works, 45 Horseferry Rd., Westminster, S.W.
1909.	SMITH, CHARLES ST. VINCENT	Lloyd's Bank House, Fenton, Stoke- on-Trent.
1909.	SMITH, RALPH WOOD	29 Arboretum Street, Derby.
1908.	SMITH, RANDALL BONNER	28 Tyrwhitt Rd., Brockley, S.E.
		Messrs. W. H. Allen, Son & Co.,
1904.	SMITH, STANLEY CARLTON	Queen's Engineering Works, Bedford.
1902.	SMITH, SYDNEY ABBOTT	66 College St., Chelsea, S.W.
1902.	Somers, Frank	Haywood Forge, Halesowen, Birmingham.
1902.	SPEAR, CHARLES OSCAR	Colliford Mines Ltd., St. Neot, Liskeard.
1904.	SPEDDING, JOHN WILSON	15 St. Michael's Rd., Workington.
1909.	SPENCE, JOHN LESLIE	33 Orlando Road, Clapham, S.W.
-		30 Baskerville Rd., Wandsworth
1908.	SPENCER, ROPER HENRY	Common, S.W.
1910.	SPOONER, ALAN	27 North Street, Dudley.
1904.	STADELBAUER, ALFRED	Nuttall Hall Avenue, Ramsbottom, Manchester.
1909.	STANDLEY, GEORGE ARTHUR.	592 Oxford Terrace, Pleck Road, Pleck, Walsall.
1903.	STANFORD, ERIC SPENCER	Stalheim House, Gauden Rd., Clapham, S.W.
1905.	STANIER, JOHN HAMILTON	c/o T. Lumsden, Coulthard's Lane, Gateshead.
1909.	STEED, ERNEST ALBERT	66 Chipstead Street, Fulham, S.W.
1908.	STEPHENS, CHARLES VIVIAN.	8 St. Mark's Square, Bangalore, Mysore State, S. India.
1905.	STERN, SYDNEY LEONARD	Pacific Club, Victoria, Brit. Col.
1907.	STEWART, GORDON	Alberne, Farncombe Rd., Worthing.
1907.	STOCK, CLARENCE SIDNEY	(35 Wilberforce Rd., Finsbury Park, N.
1908.	STRANGWAYS, GUY ERNEST ALAN	Works Manager, Regent Engineer- ing Co., 180 Arlington Road, Regent's Park, N.W.
1904.	SUGGATE, CLAUDE FRANCIS DENNY	N. Metrop. Electric Power Supply Co., Electricity Works, St. Albans.
1908.	SWANN, HENRY LESLIE ALDER-	119 Heath St., Hampstead, N.W.

SWARBRICK, FREDERICK SYMONS, ANGUS BRYANT .. Electricity Works, Leigh, Lancs.
Messrs. Thomas Auty & Co., 326 St.
John St., E.C.

Date of Election.
1903.

1905.

1910.	TAYLOR, WILLIAM ARTHUR	University Union, Edinburgh.
1902.	TCHIGHIANOFF, ALEXANDER	1 Value of the state of the sta
1907.	THEED, CHARLES ALEXANDER	Wellington House, Carlton Rd. Putney, S.W.
1908.	THIEME, HERMANN CARL	4 Cecil St., Oxford Rd., Manchester.
1905.	THOMAS, FRANK GEORGE	18 Cedar Rd., Cricklewood, N.W.
1904.	THOMPSON, BERNARD VALEN-	§81 Rustlings Road, Endcliffe, Sheffield.
1908.	THOMS, ALEXANDER KEAY	Kanknarrah Jute Mills, Bhatpara, E. B. S. Rly., India.
1903.	THORNE, DOUGLAS STUART	20 Heathfield Avenue, Crewe.
1904.	THORNE, LEONARD	Metrop. Water Board, Commercial Rd., Pimlico, S.W.
	(THORNTON, ARTHUR FRED-	Messrs. Westinghouse, Church,
1902.	ERICK	Kerr & Co., 10 Bridge St., New York, U.S.
1905.	THORPE, HAROLD THOMAS EMMERSON	P.O. Box 159, East Rand, Trans- vaal,
1904.	THURSBY, THOMAS ARCHIBALD	86 City Rd., Sheffield.
1908. 1907.	TIMMINS, LAUNCELOT POTTER TIMOTHY, ERNEST	Argyll Lodge, Higher Runcorn. 3 Eastbourne Tce., Hyde Park, W.
1904.		Boscombe House, College Street,
1908.	TONER, JOSEPH	Leicester. Chez Nous, Henry Rd., Slough.
1903.	TRAYTE, WALTER GEORGE	21 Conduit Rd., Plumstead.
1907.	TROTTER, WILLIAM BEAU-	Western College, Mannamead, Plymouth.
1904.	TROUGHTON, HENRY JAMES	Engineer's Dept., Metrop. Electric Tramways, 4 South Place, Fins-
1906.	TRUSLER, WILLIAM JAFFREY	bury, E.C. 35 Elliott Rd., Calcutta.
1903.	TURNER, JOE DARE KNOBBS	3 Ingoldsby Ave., Richmond Grove, Con-M., Manchester.
1903.	TURNER, WILLIAM LAWRENCE	Purley Chase, Atherstone.
1908.	TWELVETREES, GEORGE HAR-	23 King Edward Rd., Rugby.
1902.	TWELVETREES, RICHARD WAL-	Messrs. Linington Bros., 52 Commercial Rd., Portsmouth.
1906.	TYRRELL, Captain WILLIAM GRANT, R.E.	Petawawa Camp, Ontario, Canada.
1909.	VEAL, JOHN MINSHULL	6 Ranelagh Gardens, Hammer-
1907.	VINING, ROY VEITCH	smith, W. 17 Florence Rd., Ealing, W.
1904.	VYVYAN-ROBINSON, CECIL AL-	18 Park Place, Cardiff.
	(BERT)	

1902.	WAKEMAN, FREDERICK	Carisbrooke, Cambridge Rd., King's Heath, Birmingham.
1905.	Walker, Charles Albert	L.C.C. School of Engineering and Navigation, High St., Poplar, E.
1906.	WALKER, EDWARD GEORGE	6 Canterbury Rd., Watford.
1909.	WALKER, WILLIAM ERIC	30 WestParade, Newcastle-on-Tyne.
		(Winterbourne, Gipsy Lane, Putney,
1909.	WALLACE, JOHN	S.W.
1908.	WALLACE, ROBERT ALFRED	St. Norman's, Anerley, S.E.
1910.	(WALLBRIDGE, CHARLES SEA-	54 West Kensington Mansions, Beaumont Crescent, West Ken-
	(FORTH	sington, W.
1902.	Wallis, Gerald Pearson	The Lodge, Tattershall, Lincoln.
1907.	Walmsley, Thomas	43 Arundel Square, Highbury, N.
1909.	WARBURG, FREDERICK NORMAN	7 Upper Woburn Place, W.C.
1905.	WARD, CHARLES WILLIAM	The Trio, Castle Rd., Nottingham.
1908.	WARING, HORACE	Branch Rd., Gildersome, Leeds.
1901.		20 Heathville Rd., Crouch Hill, N.
1301.	WARWICK, PERCY WALTER	
1908.	WATT, WILLIAM, Jun	1 Bateman Avenue, Pietermaritz-
		burg, Natal.
1908.	WEBB, GERALD	Grant St., Miles Platting, Man-
	,	Chester.
1906.	WEBSTER, RUPERT KENLEY	Woodville, Heathdene Rd., Walling-
	,	ton, Surrey.
1909.	WEIR, DOUGLAS CHURCHILL	St. Gabriel's Rectory, Cornbrook,
	'	Manchester.
1908.	WHALLEY, HERMES DE	148 Jerningham Rd., St. Catherine's Park, Hatcham, S.E.
1000	W Timore Toron	Kennicott Water Softener Co., 18
1906.	WHEATON, HAROLD JOSEPH	and 19 Great St. Helen's, E.C.
		(Messrs. Victor Uslaender & Co., 33
1888.	WHICHELLO, RICHARD	Rua do General Camari, Caixa
	•	542, Rio de Janeiro, Brazil.
1907.	WHITE, JOHN DONALD	16 Leinster Square, Bayswater, W.
1903.	WHITEHEAD, ALAN OCTAVIUS	Linda Vista, Abergavenny.
1910.	WHITEHOUSE, EDGAR	141 Portsdown Rd., Maida Vale, W.
1007		(Durlston, Brynhyfryd Rd., New-
1907.	WHITEHOUSE, WILLIAM HENRY	port, Mon.
1909.	WHITELEY, JAMES WILLIAM	43 Johnston Street, Wakefield.
1906.	WICKHAM, OLIVER	33 Grange Park, Ealing, W.
1000	THE T. C.	Edmundsons' Electricity Corpn.,
1889.	WIGHAM, JOHN CUTHBERT	Broad Sanctuary Chambers, Westminster, S.W.
1906.	Wight, John Thomas	Heriot-Watt College, Edinburgh.
	(WILKINSON, GEORGE SHAKE-)	
1909.	SPEARE	27 Walter Road, Swansea.
1908.	WILLATS, ALLAN MONTAGUE	(Entre Rios Rly., Paraná, Arg.
	FF 1	Rep. 34, Hamilton Terrace, N.W.
1905.	WILLOX, BENJAMIN BRUCE	
1904.	WILLIAMS, HERBERT LAU-	55 Greenvale ru., Weiman, Endam.
1905.	WILLIAMS, HUGH RICHARD	54 Wetherell Rd., South Hackney,
1900.	WILLIAMS, HUGH RICHARD	N.E.
1908.	WILLIAMS TOWN REEVE	64 Talgarth Road, West Kensing-
1300.	WILLIAMS, JOHN REEVE	ton, W.
1905.	WILMAN, EDGAR ARTHUR	Reliance Lift and Engineering Co., Leeds Rd., Bradford.
1903.	WILSON, EWAIN MURRAY	58, St. Nicholas St., Thetford.
	WILSON, EWAIN MURRAY	oo, Do. Attorney Doi, Artebrate

1905.	Wilson, Percy Hutchinson	Messrs. J. Oakes & Co., Alfreton Iron Works, Riddings, Alfreton.
1907.	Wilson, Reginald James Weir	The Beeches, Albany Park Rd., Kingston-on-Thames.
1909.	WINTER, NORMAN FREDRICK SMAGG	Loco. Works, Lancs. & Yorks. Railway, Horwich, Lancs.
1904.	WITHERINGTON, CHARLES HANINGTON	Namgaon T. E. Thakibari P.O., Tezpore, Assam, India.
1907.	Wood, Herbert Langton	(40 Kearsley Road, Highfields, Sheffield.
1906.	{Woodhouse, Lieut. Ernest,} R.E	i.E. bless, frong Kong, China.
1908.	Woods, Edmond William	c/o LtColonel William Woods, Warnford Park, Bishop's Wal- tham, Hants.
1903.	Worssam, Leslie Henry	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N.
1906.	Worssam, Ralph	Messrs. G. J. Worssam & Son, Wenlock Rd., City Rd., N.
1905.	WORTH, HENRY NORMAN	City Hall, Belfast.
1902.	WRIGHT, ARTHUR REGINALD	146 King Henry's Rd., South Hampstead, N.W.
1903.	WRIGHT, FRANK THOMAS	Asst. Carr. & Wagon Supt., S. Indian Rly., Negapatam, India.
1909.	WRIGHT, THOMAS HAROLD	33 Nigel Rd., Peckham Rye, S.E.
1903.	YARROW, HAROLD EDGAR	Fairlawn, Bearsden, Glasgow.
1905.	YATES, REGINALD CHOLMELEY CAMPBELL	Madras and S. M. Railway, Perambore, Madras.
1907.	YATES, ROBERT VERNON	St. Hilda, Elsworthy Rd., S. Hampstead, N.W.
1891.	YERBURY, FREDERICK AU-	Esher Avenue, Walton-on-Thames.
1906.	YORK, REGINALD STANLEY	21 Regent Sq., Doncaster.
1909.	Youle, Charles Schwind	Long Lodge, Walton-on-Thames.
1905.	Young, Geoffrey	(9, Moreton Avenue, Derbyshire Lane, Stretford, Manchester.
1907.	Young, John Graham	Messrs. David Rowan & Co., 231 Elliot St., Glasgow.
1907.	Young, Wallace Frankhan	Loco. Running Shed, G. C. Rly., Grimsby Docks.
1906,	Zohny, Ahmed Sadik	Assist. Eng., Egyptian State Rlys., Assiout, Egypt.

TOPOGRAPHICAL LIST OF MEMBERS.

BRITISH ISLES. ENGLAND.

Abbey Wood-		Barrow-in-Furnes	CI.
Shoosmith, H.	M.	(cont.)—	3
Accrington-		Parker, R.	A 75/F
Heald, H.	4 74	Pettigrew, W. F.	A.M.
	A.M.	Sharples, E.	M.
Aldershot—		Stevenson, E. J.	M.
Donohue, Major	W. E.	Thackeray, T.	A.M.
	M.	Vial, H. F.	M.
Eames, A. C.	G.	1 1d1, H. F.	A.M.
	G.	Basingstoke-	
Alfreton—		Barford, V. G.	A 78.8"
Ashmore, J. A.	G.	Cruse, G. H. I.	A.M.
Goodwin, R.	A.M.	Wans, O.	G.
Wilson, P. H.	G.	_	A.M.
	u.	Bath—	
Andover-		Baldwin, F J.	G.
Stringer, P.	A.M.	Bullock, R. C.	A.M.
Ashford, Kent-		Day, A. G.	A.M.
Hyland, J. F.	3.0	Farwell, G. D.	A.M.
Masterton I F	M.	Ford, H. H.	A.M.
Masterton, J. F. Stirling, J.	M.	Gregson, B. P.	A.M.
	M.	Hamblin, H. J.	
Ashton-under-Lyn	0-	Harris, W. W.	A.M.
Bayliss, W.	M.	Horner, J. G.	A.M.
Bickerton, H. N.	M.	Hunton, W.	A.M.
Cartwright, W.	M.	Lawson, F. M.	A.M.
Mohn, T.	A.M.	Morra H. H.	A.M.
	A.M.	Mogg, H. H.	A.M.
Atherstone-		Pitt, W.	M.
Turner, W. L.	G.	Sainsbury, H. C. B.	М.
Banbury-		Batley-	
Bagg, H. A.	A DAT	Jones, S. D.	A.M.
Cunningham, H.	A.M.		
Nasbey, G. W.	M.	Beaconsfield, Bucks	S
Samuelson, E.	M.	Robins, A. G.	M.
	M.	Beccles-	
Barking-		Robinson, A. S. F.	M.
Howard, H. L.	A.M.		411.
Jeffreys, H. W. J.	G.	Bedford-	
Barnsley-	٠.	Allen, H. G.	M.
		Allen, R. W.	M.
Allport, H. A.	M.	Allen, W. H.	M.
Clark, H.	A.M.	Bocquet, H. C.	M.
Barnstaple-		Davies, C. E.	A.M.
Colbourne, T. S.	A.M.	Davison, E. G.	A.M.
		Everett, G. E.	A.M.
Barrow-in-Furness		Everett, G. E. Hooper, W. F. Hope, J. B.	G.
Banister, G. H. Buckwell, G. W.	M.	Hope, J. B.	M.
Coarrell G. W.	M .	Howard, G.	G.
Caswell, C. H.	G.	Howard, J. H.	M.
Childs, J.	G.	Idle, C. C.	G.
McFarlane, L. G.	М.	Langley, G.	A.M
McKechnie, J.	M.	Robertson, W. H. A.	A.M.
Oughterson, G. H.	A.M.	Smith, S. C.	G.
		,	00

Bedford (cont.)— Steinmetz, A. S. B. Talbot, E. Trunchion, W. T. F. Winmill, G. Wyatt, A. J. H.	AM
Belper— Alleyne, Sir J. G. 1	
Belvedere— Norman, G. H. Walker, P.	A.M. M.
Bembridge- Mackenzie, K. R.	A.
Berwick— Collinson, F. E.	A.M.
Bexley Heath- Howard, P.	G.
Bideford— Emery, J. I.	A.M.
Biggleswade— Carne, H.	A.M.
Bilston— Moody, G. H. Turner, V.	A.M. A.M.
Birkenhead— Bayntun, R. S. Bishop, C. H. Brown, R. H. Chadwick, R. Clayton, M. G. Cottrell, S. B. Ewart, J. M. Gibson-Sugars, Comm. J. S. Henriques, P. Q. Henriques, W. Q. Mansfield, E. A. Needham, C. A. Owens, P. R. Royle, J. S. Shaw, J. Wilson, A. C. Wyld, W.	A.M. A.M. A.M. A.M. A.M.
Birmingham— Alleut, E. A. Anderson, E. W. Astbury, A. J.	G. M. M.

Wilmed and the Co.		Di talana (ant)		Discontinuity orbits on (south)	
Birmingham (cont.)—		Birmingham (cont.)		Birmingham (cont.)-	M.
Aston, J. W.	M. M.	Johnson, P. S.	A.M. M.	Tangye, J. H.	M.
Awdry, W. L.	M.	Jolly, C. E.	M.	Taunton, R. H.	M.
Barrow L.	M.	Jones, E. Jones, F.	M.	Taylor, D. F.	A.M.
Baguley, E. E. Barrow, L. Bayliss, T. R.	M.	Jones, H. S.	G.	Taylor, J. S.	M.
Beck, A. E.	M.	Jones, L. A.	A.M.	Thornbery, W. H.	M.
	A.M.	Keay, J.	M.	Titley, A.	M.
Bellingham, B.	A.M.	Keen, A.	М.	Trafford, A.	M.
	M.	Keen, F. W.	M.	Trafford, J. P.	A.M.
	A.M.	Kendall, A. H.	G.	Turner, A.	M. A.M.
	A.M.	Kenrick, A., Jun.	A.M.	Vickers, E. J. Wade, F. R.	A.M.
	A.M. G.	Ketley, C. B. Lane, N. A.	A.M.	Wakeman, F.	G.
Brown, C.	A.M.	Law, H. C.	G.	Walker, T. F.	M
Brown, E. G.	A.M.	Lawrence, M. R.	M.	Walker, Z., Jun.	M.
Brown, Capt. F. A. W		Lea, F. M.	M.	Walker, Z., Jun. Wall, C. H.	M.
Burgess, G. H.	A.M.	Lea, H.	M.	Walter, D'A. J.	A.M.
Burstall, Prof. F. W.	M.	Lockwood, J. E. S.	G.	Warden, W. E.	M.
	A.M.	Mackintosh, D. G.		Warner, F. G.	A.M.
	A.M.	Madeley, C.	M.	Wearing, J. E.	M. M.
Castle, F.	A.M. M.	Mapplebeck, E.	A.M.	Wheeler, P.	A.M.
Causer, W. G.	A.M.	Marks, A. P. Marks, E. C. R.	M.	Whitehouse, A. Williams, C. J.	A.M.
Chadwick, G. H. Challen, S. W.	M.	Martin, E.	A.M.	Williams, N. C.	A.M.
Challen, W. B.	M.	Mercer, G. H.	G.	Winn, C. R.	M.
Charnock, J. A.	A.M.	Miles, E. G.	A.M.	Wiseman, A.	M.
Chatwin, J.	M.	Miller, W. P.	A.M.	Worsey, J. R.	A.M.
Clapham, F. T.	A.M.	Mitton, E. M.	M.	Worsley, P. J., Jun.	M.
Clark, W. F.	M.	Mitton, T. E.	A.M.	Wright, W.	M.
Clarke, E. F.	M.	Moreom, E. L.	A.M.	mi i Alaland	
	A.M. M.	Nettlefold, G.	A.M.	Bishop Auckland—	C
Cox, J.	M.	Nicholson, A. Nien, C. K.	G.	Forrest, H.	G.
Cross, W. M.	A.M.	Norton, A.	A.M.	Bishop's Waltham-	_
	A.M.	Parrott, T. H.	M.	Woods, E. W.	G,
Currall, E. P.	G.	Parsonage, W. R.	A.M.		
	A.M.	Parsonage, W. R. Pedley, H. I.	M.	Blackburn-	3.0
Dale, R. D.	A.M.	Pendlebury, C.	M.	Coddington, Sir W.	M. M.
Deakin, W. Dickinson, A.	M. M.	Perry, G.	A.M.	Johnson, J. W. Mills, S. J. A.	A.M.
Dickinson, R. H.	M.	Phelps, G. I. de B. Piercy, G. F.	M.	Stones, W. G.	A.M.
Docker, F. D.	A.	Pinfield, W. V.	A.M.	Stones, W. G. Thom, F.	A.M.
Douglass, A. E.	A.M.	Pitt, J. D.	A.M.	Thom, W.	M.
Dowson, E. A.	A.M.	Plant, G.	A.	Dischard	
Dugard, W. H.	M.	Porter, R. C.	A.M.	Blackpool— Furness, C.	M.
Edwards, A. E. A.	M.	Priest, C. S. Prior, J. D.	G.	ruiness, C.	ALE .
Engholm, A. G.	A.M. G.		A.M.	Blyth-	
Essery, T. H. Everitt, N. H.	M.	Pullin, J. A. Reeve, E.	G.	Baldwin, C. E.	A.M.
Foster, J. S.	M.	Remington, A. A.	A.M.	Bodmin-	
Gamble, G. M.	A.M.	Reynolds, A. M.	A.M.	King, H. H.	(i.
(inhina la ()	- 14	Richey, W. F. A.	A.M.	Tring, and and	-
Gibson, K. J.	G.	Robey, E. W.	A.M.	Bolton—	. 35
Green, F. W.	A.M.	Robson, W. H.	M.	Berry, F.	A.M.
Greenwood, F. G. Greenwood, V. E.	G. A.M.	Rosevere, G. R.	A.M.	Bromiley, W. J.	M. G.
	G.	Rosher, N. B. Rowland, J. D.	A.M.	Bruckshaw, H. S. Bull, R. F.	A.M.
Griffiths, H.	A.M.	Rowledge, A. J.	A.M. A.M.	Chatwood, S. R.	M.
	A.M.	Sangster, C. T. B.	M.	Cottrill, J. O.	M.
Hall, J. W.	M.	Shackleford, W. C.	M.	Cryer, J. W.	A.M.
Hall, J. W. Hall, T. B.	M.	Shortt, R. C.	A.M.	Dobson, B. P.	A.M.
Heaton, C.	M.	Simms, C. E.	A.M.	Hardman, F.	A.M.
	A.M.	Simpson, F. D.	G.	Harwood, R.	M.
Hillhouse I D	A.M.	Smith, A. J.	A.M.	Hill, H.	(i.
Hillhouse, J. P. Hipkins, W. E.	G. M.	Smith, J. Somers, F.	M.	Holden, E. C. Hudson, J. G.	A.M. M.
Hudson, E. V.	A.M.	Somers, W.	M.	Jones, C. F.	M.
Hunter, F. A.	(i.	Steven, J. D.	A.M.	Leach, F.	G.
Inniss, J. J.	М.	Stevenson, J. L. C.	A.M.	Mitchell, T., Jun.	A.M.
Jackson, E.	A.	Suffield, F. W.	A.M.	Musgrave, F. E.	M.
James, E. F.	G.	Summerfield, R. D.		Musgrave, W. M.	M.
James-Carrington, I	A.M.	Sutton, F. B. Tangye, G.	A.M. M.	Richardson, H. A. Rothwell-Jackson,	M.
Jefferiss, T.	M.	Tangye, H. L.	M.	H. L.	M.
		200000000000000000000000000000000000000	-		

Bolton (cont.) -		Brighton (cont.)-		Broseley-	3.5
Ryder, G. A.	M.	Hill, R. A.	M. M.	Garrard, G. M.	M.
Skinner, G. Taggart, W. S.	A.M. M.	Johnston, J. Malden, H. J.	G.	Buckfastleigh-	
Taylor, F.	A.M.	Marsh, D. E.	M.	Willcocks, J.	A.M.
Wood, H.	M.	Morris, E. L.	M.		
Wood, W. J. H.	A.M.	Smith, Col. S. G. D.		Burgess Hill-	
Boston-		Whale, G.	M.	Isted, W. D.	G.
Clarke, G. E.	A.M.	Wyles, D. D.	M.	Burnley-	
Lovell, S. G.	A.M.	Desirated		Starkie, J. E.	A.M.
-		Bristol—	м.	December 1	
Bournemouth— Bulfin, I.	M.	Adlam, E. G. Allen, W.	G.	Burslem-	2.5
Cook, J. J.	M.	Baber, S. E.	A.M.	Jones, E.	M.
Crohn, F. W.	M.	Barker, L. C.	A.M.	Poston on Thont-	
Groundwater, S.	A.M.	Brander, J.	G.	Burton-on-Trent— Daniel, E. F.	M.
Bourton-		Butler, G. H.	A.M.	Dommen, E.	A.M.
Rankin, E. A.	A.M.	Butterworth, J. Coates, A. F.	G. A.M.	Golledge, W. T.	A.M.
	21,111,	Cook, F. W.	G.	Golledge, W. T. Phillips, W. H. Pringle, P. J.	A.M.
Box, Wilts.—		Ellery, H. G.	M.	Pringle, P. J.	M. M.
Philip, W. L.	M.	Evans, M. T.	M.	Smith, J.	M.
Bradford-		Farquhar, E. E. J.	A.M.	Thornewill, R. Thornley, G.	M.
Bent, W.	A.M.	Fedden, A. H. R.	G.	Watson, J. B.	M.
Charnock, Prof. G.	F. M.	Ferrier, Prof. R. M	. М. А. М .	.,,	
Clapham, J. P.	A.M.	Fripp, S., Jun. Gardiner, G. C. W.	A.M.	Bury, Lanes.—	4.75
Croft, F.	A.M.	Hosegood, T. P.	A.M.	Bowden, J.	A.M.
Croft, F. L. Dean, J.	M. M.	Humpage, T.	M.	Hall, O. S.	M. A.M.
Dews, J. W.	A.M.	Jones, F. G.	A.M.	Peregrine, W. H. Riley, F.	A.M.
Ellis, A. D.	M.	Livermore, A. E.	A.M.	Riley, J. H.	M.
Ellis, H. S.	A.M.	Macdonald, J. T. S.	A.M.	Taylor, T.	A.M.
Foster, E. H.	A.M.	Montague, G. Munro, Prof. J.	M.		
Foster, H. A.	M.	Olver, W. H.	A.M.	Buxton-	A TAT
Hewitt, A. E. Hinchliff, H. W.	A.M.	Osborn, J. L.	A.M.	Hockley, N. J.	A.M. G.
Homersham, T. H.		Parkinson, H. C.	M.	Howarth, J.	u.
Lindsay, H.	A.M.	Peacock, J. F.	A.M.	Camborne-	
Metcalf, A. T.	A.M.	Peckett, T.	M. M.	Gill, R. D.	A.M.
Morley, H. W.	M.	Peet, W. G. Phillips, W.	M.	Keast, J. C.	A.M.
Nutter, H. N.	A.M.	Rioch, R. J.	A.M.	Nettle, H.	A.M.
Rycroft, J. E. Smith, W. H.	A.M. M.	Robarts, G. F. W.	A.M.	Rowe, J.	A.M. M.
Stringer, R.	A.M.	Sandford, J.	A.M.	Wildy, W. L.	TIT.
Taylor, A. J.	A.M.	Somerville, L.	A.M.	Cambridge-	
Whittaker, F. W.	M.	Soyres, B. de Stagg, W.	A.M. M.	Arundel, F. D.	A.M.
Wigglesworth, F.	A.M.	Strong, A. G.	A.M.	Darwin, H.	M.
Wilman, E. A.	G.	Thompson, J. R.	M.	Gardiner, K. J. R.	G. A.M.
Braintree-	*	Thomson, W.	M.	Hoff, E. J. Hopkinson, Prof. 1	
Clayton, J.	M.	Watson, F. R. B.	A.M.	Johnson, F. W.	A.M.
Bridgnorth-		Watts, J. Westley, C. B.	M. M.	Lack, C. T.	A.M.
Browning, R. H.	A.M.	Wild, B.	A.M.		
-		Williams, C.	A.M.	Canterbury—	G.
Bridgwater-	76.0			Burge, F.	G.
Wills, F.	M.	Broadstairs-		Carlisle—	
Bridport-		Curd, T. W. C.	G.	Dove, J. C.	M.
Harris, H. N.	A.M.	Gullick, H. D.	Ğ.	Pratchitt, J.	M.
Manfield, W. G.	G.	Higginson, F.	A.M.	Pratchitt, W. M.	A.M.
Darlash anna				0 0 47.	
Brighouse- Woodhouse, R.	M.	Bromley, Kent-		Carnforth— Worsdell, T. W.	M.
Woodhouse, 16.	TIT.	Anthony, R. E.	A.M.	Worsden, I. W.	ML.
Brighton-	1	Bremner-Davis, W	7. J.	Carshalton-	
Bennett, M. H.	A.M.		A.M.	Moore, G. E.	M.
Billinton, P. R.	A.M.	Brown, A. M.	M.	220020, 01 22	
Broughton, H.	G. G.	Catmur, T. S.	A.M. G.	Caterham-	
Cartland, R. J. Field, B. K.	M.	Greenhill, T. A.	M.	Kensington, F.	M.
Giffard, G. C.	G.	Jones, T. M.	A.M.	Marcuse, E. G.	G.
Hepworth-Collins	3,	Larkin, L.	G.	63. 34.	
W.	A.M.	Lazenby, A.	M.	Charlton—	M.
Hill, F. A.	G.	Powell, L. H.	A,M.	Paterson, S.	ш.

Chatham— Adams, Capt.W. H. A.M. Cornish, Eng. Capt. E. M.	Clevedon— Pye, J. H.	A.M.	Cromer— Bentley, C. W.	A.M.
Fletcher, A. A.M. Fletcher, F. P. A.M. Harold, Eng. Lt. H. F.	Clitheroe— Wingate, A. W.	A.M.	Croydon— Bellamy, C. G. H. Bromwich, B. A.	G. G.
Rundall, Capt. C. F. M. Schoeberlein, F. A.M.	Coalbrookdale— Norris, W. G.	M.	Burr. J. W. Cabena, R. H. Cramb, A. C.	A.M. A.M. M.
Chatteris— Esson, J. M.	Colchester— Dawson, G. P. Ivey, S. F.	M. G.	Crow, S. H. Harris, H. B. Holmes, H.	G. A.M. A.M.
Cheadle, Cheshire— Hobson, J. E. M.	Paxman, J. N. Sillar, A. R.	M. M.	Housman, R. F. A. Morgan, W. H. Weightman, W. J.	G. M.
Cheddar— Metcalfe, A. W. M.	Richmond, W. P. Rushworth, G. W.	A.M.	White, T. H. Dagenham—	A.M.
Chelmsford— Bentall, A. F. G. Clarkson, T. M.	Congleton— Goodfellow, G. B.	M.	Ingle, H. E. Williams, A. E.	A.M. M.
Dewhirst, J. A.M. MacCallum, A. H. S. A.M.	Consett— Scott, J.	M.	Darlington— Bacon, E. L. Coates, A.	A.M. M.
Parish, H. L. O. G. Cheltenham—	Corbridge-on-Tyne Mail, J. S.	G.	Douglas, C. P. Moberly, J. E. Warren, J. G. H.	M. M. M.
Hussey, F. K. E. A.M. Lawford, A. N. G Ormerod, R. O. M.	Reay, E.	A.M.	Dartford— Brier, H.	M.
Phillott, G. H. M. M. Whitby, A. G. M.	Bramley, T. B. Bullock, W. E.	M. M. M.	English, LtCol. T. Guthrie, A. G. Hesketh, E.	
Chester— Britton, S. E. M. Ellington, G. A.M.	Harmer, O. Herbert, A.	M. M. M.	Hodsdon, G. C. Morgan, F. J.	A.M. G.
Ellington, N. B. A.M. Gott, J. B. A.M. A.M. Hobbs, C. J. M.	Hildreth, W. A. Hilton, N. L. Holroyd, V. A.	M. A.M. A.M.	Pratten, F. E. Dartmouth—	M.
Hogarth, T. O. M. Johnson, W. P. G. Thornton, F. W. M.	Lea, R. H. Martin, P. Meek, J.	M. M. M.	Taylor, Eng. Comi	n. M.
Chesterfield— Benson, W. H. M.	Napier, J. S. Orme, C. T. Pugh, C. V.	M. G. M.	Darwen— MacIvor, A.	M.
Clark, G. M. Gandy, F. M.	Pugh, J. V. Robinson - Embur Capt. R. P.	A.M.	Acfield, W. C. Aiton, J. A.	M. M.
Pilkington, H. M. Robinson, T. H. A.M.	Rogers, W. I. Vernon, P. V.	A.M. M.	Allbutt, J. E. H. Atherton, W. H. Bain, D.	A.M. M. M.
Smales, T. M.	Whitehead, T. R. Wright, I. H. Cowes—	A.M.	Bell, F. Bell, J. F. Bird, H. H.	A.M. M. G.
Chester-le-Street- Wood, Sir L. M. Chichester-	Carnt, E. C. Forster, A.	M. A.M.	Caton, W. E. Child, P. D. Clark, H. C.	A.M. A.M. A.M.
Amy, P. A. Pye, T. E. A.M.	Cradley Heath— Cowdell, H. C.	M.	Conradi, C. G. Cooper, T. Deeley, R. M.	A.M. G. M.
Chigwell— Tasker, E. E. A.M.	Cranbrook— Abbott, T.	(M .	Fanghanel, W. P.	M.
Chingford— Haler, P. J. Tubbs, W. E. A.M.		A.M.	Fowler, H. Geach, L. C. Goodchild, W. C.	A.M. M. M.
Chippenham— Adams, A. E. A.M.	Crayford— Heath, G. W.	M.	Guest, C. H. Haslam, Sir A. S. Haslam, W. G.	M. M.
Hathaway, N. S. A.M. Chislehurst—	Brown, F. A. Eaton-Shore, G.	G. M.	Hill, J. James, T. Jones, C. H.	M. M. M.
Robinson, F. A. M. Clacton-on-Sea-	Goodeve, T. E. Ivatt, H. G. Jones, E. P.	A.M. G. G.	Koetter, A. Limozin, F. L. J. Maitland, E. B. W	A.M. A.M. G.
Everitt. H. W. A.M. Francis, A. S. A.M.	Lacey, O. B. Thorne, D. S.	G. G.	McCallum, P. McLaren, R. L.	G. M.

				War and a second	
Derby (cont.)—		Eastbourne-		Farnborough-	3.5
Osborne, T. P.	М.	Bowen, C. W.	A.M.	Garland, F. J.	M.
Paget, C. W.	M.	Castle, F.	М.		
Parsons, J.	G.	Rodda, J. T.	A.M.	Farnham-	
Rosevere, R. G.	A.M.	Sands, H.	M.	Mayhew, LtCol. M	.J. A.
Royce, F. H.	M.	Walker, T. A.	A.M.		
Rudder, F. P.	A.M.	*** ***********************************		Farnworth—	
	G.	East Grinstead-		Hutchinson, A. J.	A.M.
Schultz, G. C.			M.		A.M.
Sennett, A. R.	M.	Stirling, R.	TAT.	Leach, R. B.	ZL.DL.
Smith, R. W.	G.			- 1	
Smith, W. J.	A.M.	East Molesey—		Faversham—	4 35
Spinney, R. D.	A.M.	Roberts, C. D.	A.M.	Semark, C. H.	A.M.
Surtees, H. W.	M.	Scott, W. H.	M.	Shaw, A. T.	G.
Whitehead, R. D.	A.M.				
Woolliscroft, G. W.		Eccles-		Felsted-	
			M.	Morgan, D. H.	A.M.
Worthington, W. B	. M.	Bennis, A. W.		morgan, D. H.	2212001
		Broughton, F.	A.M.	_ **	
Dereham-		Russell, A. C., Jun.	G.	Fence Houses-	
Jewson, H.	A.M.	Stead, W.	M.	Jackson, J. W.	A.M.
Devenport-	-	Edenbridge-		Fleetwood-	
Clarke, G. P.	G.		M.	Boyd, H.	A.M.
	M.	Ewing, J. A.	40.00		A.M.
Crocker, J.		7111		Foster, S.	A.M.
Dodridge, F.	A.M.	Elland—	1.35	Robertson, J. A.	A.M.
Penrose, P. O.	G.	Lumb, L.	A.M.	T 114	
Willsteed, C. W.	A.M.			Folkestone-	A 34
·		Elstree-		Hesketh, T.	A.M.
Devoran-		Braithwaite, C. C.	M.	Mumford, C. E.	M.
	A.M.	Griggs, W. J.	M.	Nichols, A. E.	A.M.
Visick, C.	ALLEMAN.	Gliggs, W. J.	455.4	1110110111	
		77141		Frome-	
Dewsbury-		Eltham—	0	Beare, H. H.	A.M.
Woodhouse, W. B.	A.M.	Roberts, E. G. L.	G.	Bout of	
		Williams, H. L.	G.	Gainsborough-	
Doncaster-					G.
Bazin, J. R.	A.M.	Enfield—		Barr, H. F.	G.
Dove, G.	M.	Carnegie, F.	M.	Collitt, S. Cribb, F. J.	
Davier H W C	A.M.	Hunt, H. F.	G.	Cribb, F. J.	M.
Drury, H. W. C.	M.	пинь, п. г.		Head, G. B. D.	G.
Gresley, H. N.		Emmana		Loxdale, J. J. H.	G.
Ivatt, H. A.	M.	Epsom-	3.5	Marshall, H. D.	M.
Krönig, H. H. G.	G.	Holmström, C. A.	M.	Marshall, H. J.	M.
Meredith, J.	М.	Maclean, E. W.	G.		M.
Pacey, S. O.	G.	Richmond, W. F.	М.	Marshall, J.	G.
Parker, J. H.	M.			Maw, A. E.	
	M.	Erith-		Morris, R. G.	G.
Webster, F. J.	M.	Alexander, H. M.	A.M.	Newell, E.	М.
Wintour, F.		Maran II D	G.	Powell, H.	G.
York, R. S.	G.	Mason, H. R.			
		May, C. R.	. M.	Gateshead—	
Dorchester-		May, G. H.	G.	Baister, C.	M.
De Mattos, J. H.	M.	Parkin, T.	A.M.	Barrington-Baker	.M. G.
		Pemberton, A.	A.M.	Cooper, J. L. H.	G.
Dorking-		Seller, E.	A.M.		M.
Wood, W. P.	A.M.	Smart, A.	M.	Jackson, A.	M.
1100a, 11. 1.	a.L.	Ticehurst, H. G.	M.	Peart, J.	M.
n		Whitmore F I	M.	Raven, V. L.	
Douglas-	4 75	Whitmore, F. L.	ML.	Stamer, A. C.	M.
Blaker, W. H.	A.M.	Erraham		Stanier, J. H.	G.
		Evesham—	G.	Walker H.	M.
Dover-		Chettle, N.	G.	Woodeson, W. A.	M.
Brown, H.	A.M.	Ewell-		Worsdell, W.	M.
Downs, C. S.	M.	Ewen-	M.	11 01500022, 11.	
DO 11 HD, 01 01		Davey, H.	MI.	Gillingham, Kent-	-
- "		Tonaham			M.
Dudley-	3.5	Exeter-	A TAT	Bruce, R. A.	47.8. *
Fletcher, J. E.	М.	Grove, H.	A.M.	Glassen.	
Green, H.	M.	Hodges, M. H.	M.	Glossop-	M.
Spooner, A.	G.	Ingram, S.	M.	Sharpe, T. W.	MA
,		Malthus, R.	A.M.	Classactor	
Dulrinfield		Pickering, W. S.	A.M.	Gloucester-	M.
Dukinfield—	78.00	Rew, R. J.	A.M.	Fielding, J.	
Oldham, F.	M.	Simpson, S.	A.M.	Fox, S. A.	A.M.
Oldham, T.	M.		A.M.	Goold, W. T.	M.
		Toms, R.	Zisitt.	Howard, J. W.	M.
Durham-		Falmouth-		Johnston, L.	A.M.
Oldham, G.	M.		M.	Scott, C. H.	M.
Oldham, G.	Att.	Cox, H. H.		Sisson, W.	M.
		Napier-Hemy, H.	J. G.	Whomes T V	A.M.
Earls Colne-		Stephens, C. R.	M.	Thomas, J. V.	M.
Hunt, F.	A.M.	Taylor, S. L.	A.M.	Weaver, H. J.	III.

Godalming-		Halifax (cont.)—		Hexham-	
Burdock, A.	G.	Hardy, J. H.	A.M.	Twinberrow, J. D.	M.
Gordon, H.	G.	Kersey, A. T. J. Marsden, W.	A.M.	Highbridge-	
Goole-		Marshall, L.	M.	Andrews, H.	G.
Bradley, C. G.	A.M.	Naylor, S.	M.	Whitaker, A.	M.
Gosport-		Pogson, J.	M.	Witchin	
Skelton, Eng. Con	nm.	Redman, J. Shaw, T. R.	M. A.M.	Hitchin— Innes, A. M.	A.M.
R. W.	M.	Snoxell, G. E.	M.	Spencer, A. L. H.	A.M.
Grantham-		Stirk, G.	M.	Spencer, W. E.S. H	. A.M.
Anstey, H. C.	M.	Thomas, F. W. Widdowson, E. L.	M. A.M.	Horeham Rd., Suss	AV-
Armitage, H. C.	G.		A.UL.	English, T. M.	M.
Bailey, J. H.	G.	Halstead-			
Bellamy, A. R. Castle, A. S.	M. G.	Hawkins, E. S.	A.M.	Horley— Crouch, H.	G.
Dalby, W. E.	A.M.	Hampton Wick-		Hodgson, H. L.	A.M.
Edmonds, H. M.	G.	Cash, E. W.	M.	-	
Hornsby, J.	M. M.	Spicer, F. L.	A.M.	Horsham—	4.35
James, C., Jun. Roberts, D.	M.	Hanley-		Cook, H. M. Usherwood, T. S.	A.M. A.M.
		Smith, T. J.	A.M.	-	480440
Gravesend-	7 178	Harrogate-		Horwich-	
Bingham-Gadd, W	G.	Fuller, E. W.	A.M.	Attock, F. W. Billington, J. R.	A.M. M.
Burt, J. W. E.	A.M.	Jeffreys, E. H.	M.	Dunell. B.	G.
Doust, J.	G.	Johnson, H. Newman, K. C. H.	A.M.	Gass. E. M.	A.M.
Glenday, C. Jeff, W.	A.M.	Wilkinson, G.	M.	Gibson, D.	M.
Muirhead, R.	A.M. M.			Haigh, J. H. Hughes, G.	A.M. M.
Sandford, H.	M.	Harrow-	4.75	Jones, A. D.	M.
Shields, H. F. H.	G.	Chute, M. L. James, W. L.	A.M. A.M.	Shawcross, G. N.	M.
Taylor, C. P. Wright, R. O.	M. A.M.		44.4.1.	Winter, N. F. S.	G.
magne, is. O.	A.H.	Hartlepool-		Hounslow-	
Grays-		Cheesman, W. T. Evans, M. D.	M. G.	Eborall, A. C.	M.
Burch, F. L.	A.M.	McBride, W.	M.	Uamdan	
Flinn, S. Hill-Willis, S. A.	A.M.	Morison, D. B.		Howden-	
	A IVI		M.	Briggs J H	M
Sumner, A. W.	A.M.	Wornum, J. R.	A.M.	Briggs, J. H.	M.
		Wornum, J. R.		Huddersfield-	
Great Malvern-	A.M.			Huddersfield— Broadbent, W.	M.
	A.M.	Wornum, J. R. Harwich— Blenkinsop, J. N.	A.M.	Huddersfield— Broadbent, W. Button, J. W.	М.
Great Malvern— Stephenson-Peach W. J.	л.М. п, м.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere—	A.M.	Huddersfield— Broadbent, W. Button, J. W. Graham, T. Holmes, P. F.	M. A.M. A.M. M.
Great Malvern— Stephenson-Peach W. J. Great Yarmouth—	л.м.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B.	А.М. М.	Huddersfield— Broadbent, W. Button, J. W. Graham. T. Holmes, P. F. Hopkinson, A. H.	M. A.M. A.M. M. M.
Great Malvern— Stephenson-Peach W. J. Great Yarmouth— Back, W. H.	л.М. м. А.М.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B. Lucey, A. N.	A.M.	Huddersfield— Broadbent, W. Button, J. W. Graham. T. Holmes, P. F. Hopkinson, A. H. Hopkinson, F. A.	M. A.M. A.M. M. M. M.
Great Malvern— Stephenson-Peach W. J. Great Yarmouth— Back, W. H. Pertwee, H. A.	л.м.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B. Lucey, A. N. Hastings—	M. M. G.	Huddersfield— Broadbent, W. Button, J. W. Graham, T. Holmes, P. F. Hopkinson, A. H. Hopkinson, F. A. Mills, C. W. Shaw, W. C.	M. A.M. A.M. M. M.
Great Malvern— Stephenson-Peach W. J. Great Yarmouth— Back, W. H. Pertwee, H. A. Greenhithe—	A.M. A.M. A.M.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B. Lucey, A. N. Hastings— Bowen, E.	А.М. М.	Huddersfield— Broadbent, W. Button, J. W. Graham, T. Holmes, P. F. Hopkinson, A. H. Hopkinson, F. A. Mills, C. W. Shaw, W. C. Thorne, H. H.	M. A.M. A.M. M. M. M. M. A.M.
Great Malvern— Stephenson-Peach W. J. Great Yarmouth— Back, W. H. Pertwee, H. A.	A.M. A.M. A.M.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B. Lucey, A. N. Hastings— Bowen, E. Ferguson, R. F.	м. м. м. G.	Huddersfield— Broadbent, W. Button, J. W. Graham, T. Holmes, P. F. Hopkinson, A. H. Hopkinson, F. A. Mills, C. W. Shaw, W. C. Thorne, H. H.	M. A.M. M. M. M. M. M. A.M. A.M. A.M. A
Great Malvern— Stephenson-Peach W. J. Great Yarmouth— Back, W. H. Pertwee, H. A. Greenhithe— Cheffins, H. W. J. Grimsby—	A.M. A.M. A.M.	Wornum, J. R. Harwich— Blenkinsop, J. N. Haslemere— Godfrey, W. B. Lucey, A. N. Hastings— Bowen, E. Ferguson, R. F. Havant—	M. M. G.	Huddersfield— Broadbent, W. Button, J. W. Graham, T. Holmes, P. F. Hopkinson, A. H. Hopkinson, F. A. Mills, C. W. Shaw, W. C.	M. A.M. M. M. M. M. A.M. A.M. A.M. A.M.
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Willatt, W. H.	M.	Edgcome, J. E.	M.	Holgate, C. H.	M.
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Adamson, J.	M.	Wilson, R. J. W.	G.	Jennins, H. H.	M.
Hall, J.	M.			Johnson, F. A.	A.M.
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Ilford—	A.M.	Lawrence, J. P.	A.M.	Jukes, J. W.	A.M.
Carstairs, G. L.		W		Kaye, W. K.	M.
Child, J.	A.M.	Knutsford-	3.5	Lambert, H.	M.
Clacher, T.	A.M.	Longridge, R. C.	М.	Lane, F. L.	M.
Galley, F. G.	M.	I angestan		Lawson, F. W. Leisse, G. C.	M. M.
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Middleton, R. T.	M.	warner, H. M.	42.412.	Lupton, N. D.	A.M.
Mott, R. J.	G.	Lapworth-		Lupton, W. W.	M.
Myers, J. R.	A.M.	Barker, T. B.	M.	McGhee, A.	A.M.
Seabrook, A. W.	M.	2011101, 11 11		McLaren, H.	M.
Shaw, A. H.	A.M.	Leamington-		McLaren, J.	M.
		Bousfield, R. M.	G.	McLaren, J. A.	M.
Ipswich—		Burford, H. G.	M.	Meysey-Thompson	n,
Cooper, A.	A.M.	Mell, L. P.	M.	A. H.	M.
Davies, E. J.	M.	Smith, U.V.	A.M.	Middleton, R.	M.
Hartley, H. A.	A.M.			Morris, S. W.	G.
Horsnaill, W. O.	A.M.	Leatherhead—		Morrison, R. P.	M.
James, H. H. R.	A.M.	Gregory, H. G.	G.	Musgrave, J. R.	М.
Jefferies, H. S.	M.			Myers, H. S.	M.
Kidner, A. E.	A.M.	Leeds-		Parr, G. D. A.	A.M.
Rainer, E. A.	A.M.	Airedale, Rt. Hon.	3.5	Reay, T. P. Redding, W.	M.
Reavell, W.	M. M.	Lord Poilie I D	M.	Redding, W.	A.M.
Ripley, P. E. Scott, W. L.		Bailie, J. D.	M.	Rhodes, E.	A.M.
	A.M. M.	Bain, J. A. Baxandall, R. F.	A.M.	Richardson, J. S. Ripley, H.	G. A.M.
Turner, F. Turner, F. W.	A.M.	Beaumont, Prof. R		Shanks, A. T.	M.
Unsworth, R. H.	M.	Rentley P	A.M.	Sharp, R. G.	M.
Chandren, it. II.	alle o	Bentley, P. Benton, W. J.	M.	Sharr, F. J.	A.M.
Iron-Bridge-		Berry, H.	M.	Shenton, J. W.	A.M.
Parker, T.	M.	Blackburn, G. W.	M.	Smith, F. H.	A.M.
2002001, 20		Bottomley, J. W.	M.	Smith, W. T.	A.M.
Isleworth-		Bowler, T.	M.	Smyth, E. W.	A.M.
Beck, E.	M.	Brown, B. H.	A.M.	Stewart, C.	A.M.
· ·		Buckley, P.	A.M.	Sturgeon, W. E.	A.M.
Jarrow-		Butler, E.	М.	Sunderland, W. Tannett-Walker,	A.M.
Reed, J. W.	\mathbf{M} .	Butler, H. M.	М.	Tannett-Walker,	A. T.
Voichloy		Campbell, A.	М.	m 1 C C	M.
Keighley—	A.M.	Campbell, E. W.	A.M.	Taylor, G. S.	A.M.
Clapham, T. A. Darling, J. W.	M.	Carr, C. R.	A.M.	Towler, A.	M.
Feather, R.	A.	Clark, E. K.	M. M.	Walker, H. C.	A.M. M.
Smyth, J. M.	A.M.	Daniel, W. H.	A.M.	Wallis, G. P. Wardle, E.	M.
3-1-3		Darby, J. K.	G.	Waring, H.	G.
Kettering-		Denison, S.	M.	Watney, T. S.	M.
Lea, A. H.	A.M.	Dickinson, H.	M.	Watson, J. F.	M.
Linnell, A. E.	A.M.	Dixon, W.	A.M.	Watson, J. F. Weston, T. W.	M.
Wicksteed, C.	M.	Dryburgh, A. P.	A.M.	Whitehouse, E. E.	J. M.
		Dunn, J.	A.M.	Wicksteed, J. H.	M.
Kew-	4.75	Eastwood, W.	M.	Wigram, W. G.	A.M.
Blake, F. C.	A.M.	Evers, J. H.	М.	Wyvill, F. C.	M.
Criggal, J. E.	A.M.	Fowler, R. H.	М.	Leek-	
May, H. N.	A.M.	Goodman, Prof. J.	M.	Leek, H. B.	G.
Wilson, R. D.	A.M.	Graham, J.	M.		
Kidderminster-		Greaves, W.	M.	Atkinson, R. E.	M.
Green, B. J.	A.M.	Green, W. P.	M.		M.
Shirreff, J. A.	G.	Greenwood, A. Grover, F.	M. M.	Bennion, C. Brooks, J. F.	A.M.
Y'' and and the		Hamilton G C	M.	Cuttell, J. H.	A.M.
Kingsgate-	M.	Hamilton, G. C. Hartnell, W.	M.	Gimson, A. J.	M.
O'Neill, J.	III.	Hayes, H. C.	A.M.	Gimson, H.	A.M.
King's Lynn-		Hetherington, F.	A.M.	Hill, F. J.	A.M.
Johnson, B. R.	A.M.	Heydeman, H. G. J		Keay, J. A.	М.
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Leicester (cont.)—		Liverpool (cont.)-	7.5	Liverpool (cont.)—	3.5
Lambert, J. G.	A.M.	Barnes, J. E. L.	M.	Taylor, W.	M. M.
Lund, J.	A.M.	Bayley, G. R. Beard, W. K.	M. A.M.	Thompson, W. P. Vaux, W.	M.
Peet, H. C.	A.M.	Beard, W. A.	A.M.	Watkinson, Prof.	111.
Pulsford, F. C. Richards, H. W. H.		Bell, A. Benington, E. S.	A.M.	W. H.	M.
Taylor, W.	M.	Blyth, H.	A.M.	Wellsman, C.	A.M.
Toby, A. I.	G.	Bremner, J., Jun.	A.M.	West, C. H.	M.
Wootton, J.	M.	Brew, J. B.	M.	Wilkie, J. B.	M.
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Sutcliffe, E. R.	A.M.	Buchanan, J.	M.	Wiswall, J. W.	A.M.
Swarbrick, F.	G.	Chater, J. R.	M.	Woodhouse, N.	A.M.
		Chubb, R.	A.	Woods, A. R. T.	M.
Leighton Buzzard-		Cozens-Hardy, E. H	. M.	Wright, F.	A.M.
Brown, E. W.	G.	Crawford, J. F.	A.M.	Wyllie, J.	M.
Taistan		Dall, J.	M.	Young, F. W.	M.
Leiston—	M.	Davenport, J. A.	A.M. M.		
Garrett, F. Jun.	A.M.	Douglas, J. T. Duff, E. J.	M.	LONDON-	
Oakes, F. B.	A.M.	Geddes, C.	M.	Abady, J.	M.
Walker, F. E.	A.M.	Gill, J. F.	A.M.	Abella, J.	A.M.
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Letchworth-		Graham, J. C.	G.	Acland, Capt. F. E.	
Bullmore, A. W. E.	A.M.	Hansom, O.	A.M.	,	M.
King, H. E.	G.	Heap, W.	M.	Adams, H.	M.
Pearsall, R. H.	A.M.	Henderson, H. E.	M.	Adams, H. C.	A.M.
Wort, W. E.	M.	Hirst, R.	M.	Adams, W. J.	M.
-		Honiball, C. R.	M.	Adamson, C. J.	M.
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Blann, S.	G.	Hope, A.	M.	Airey, J.	G.
Gravely, F. V.	G.	Hurt, E. N. R.	A.M.	Aitken, A. J.	G.
Timmoffold -		Iliffe, R. J.	A.M.	Alexander, J. G.	A.M.
Limpsfield— Barry, A. P.	A.M.	Jones, J. H.	G.	Alexander, W. Algar, S. C.	A.M G
Dairy, A. I.	Autto	Jones, S. P. Kermode, J. J.	A.M. M.	Alleard, H.	M.
Lincoln-		King, W.	M.	Allensby, C. R.	A.M.
Bell, W. T.	A.M.	Lambert, W. F.	M.	Allison, T. E.	A.M.
Bornemann, J. A.		Layborn, D.	M.	Ames, R.	M.
Chew, L.	A.M.	Lee, L. J.	G.	Amos, E. C.	M.
Collis, A. E.	M.	Leitch, A.	M.	Amos, H. C.	A.M.
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Harrison, F. H.	M.	Malley, C. E. A. H.		Anson, F. H.	M.
Lawrence, L. E.	G.	Mansfield, A.	M.	Arber, P. H.	A.M.
Lewis, F. W.	A.M. M.	Mansfield, W.	A.M.	Armer, J.	M.
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Pardoe, H.	M.	Miller, D.	M.	Armytage, J. H. Arnold, F. N.	A.M.
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Sharpley, G. R.	M.	Montgomery, C. H.	A.M.	Ashton, Dr. H. T.	M.
Shuttleworth, Col.		Muckley, W. H.	M.	Ashwood, H. J.	G.
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Sykes, F.	A.M.	Newall, J. M.	M.	Atkinson, F. A.	M.
Tritton, W. A.	A.M.	O'Brien, B. T.	M.	Atkinson, H.	M.
Wallis, G. P.	G.	Oglethorpe, W. A.	M.	Attack, E. A.	M.
Liskeard-		Owen, T. Oxbrow, C. E.	M.	Aughtie, H. Ault, E.	A.M. M.
Ennor, C. J.	M.	Page, J. H.	(f. M .	Aveline, W. R.	M.
Spear, C. O.	(i.	Panton, J. A.	A.M.	Aveling, R. C.	A.M.
		Parry, A.	M.	Aykroyd, J. K.	G.
Littlehampton-		Quiggin, D. A.	M.	Bader, F. R.	M.
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		Roberts, H. J.	M.	R. K.	M.
Liverpool-		Robinson, J.	M.	Bain, D. B.	A.M.
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Armour, J. G.	M.	Sington, L. F. S.	G.	Baker, H. Baker, J. A.	A.M.
Atkins, A. H.	A.M.	Sloan, R. A. Smith, F. H.	M. M.	Baker, J. S.	M. A.M.
Atkins, E. A. Backhouse, J.	A.M.	Smith, J. R.	M.	Baker, L. A.	A.M.
Barnard, A. G.	G.	Taylor, L. S.	A.M.	Bale, J. H. F.	M.
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Bale, M. P. Balfour, G. Bamber, H. W. Banister, A. N.	M.	
Balfour, G.	A.M.	
Bamber, H. W.	M.	
Barister, A. N. Barber, J. W. Barber, T. W.	M.	
Barber, J. W.	M.	
Barber, T. W. Barker, G. Barker, M. W. Barley, C. J. Barnes, J. E.	M. M.	
Parker, G.	M.	
Parker, M. W.	M.	
Barnes I E	A.M.	
Barnes, J. J.	G.	
Barnwell, E. A.	G.	
Barringer, H.	M.	
Barrington, T. B.	G.	
Barry, Sir J. W.	M.	
Barry, Sir J. W. Bartie, G. W.	A.M.	
Barton, A.	A.M.	
Bartram, H. A.	A.M.	
Bartram, H. A. Barty, A. D.	M.	
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Bates, W. R.	G.	
Bathe, C. D. D.	A.M.	
Bathe, C. D. D. Beale, B. R. Bean, C. A. S.	M.	
Bean, C. A. S.	G.	
Beard, A. C. Beatson, A. M. Beaumont, W. W.	M.	
Beatson, A. M.	G.	
Beaumont, W. W.	M.	
Beck, A. E. Beck, W. H. Begbie, S. D.	A.M.	
Beck, W. H.	M.	
Begbie, S. D.	M.	
Beldam, A.	M.	
Beldam, A. Belford, C. S.	A.M.	
Bell, C. S.	M.	
Bell, J. Bell, R. A. Bell, W.	G.	
Bell, R. A.	G.	
Bell, W.	A.M.	
Belsham, M. Belsher, B. J.	M.	
Belsher, B. J.	A.M.	
Dence, E. H.	A.M.	
Bennett, A. T.	A.M.	
Bennett, D.	A.M.	
Bennett, F. S.	A.M.	
Bennett, D. Bennett, F. S. Bennett, F. W. Bentley, T. S. Bentley, W. O. Berchem, A. H. E.	A.M.	
Bentley, T. S.	A.M.	
Bentley, W. O.	G.	
Berchem, A. H. E.	M.	
	A.M.	
Berry, H. F.	A.M.	
Bevan, L.	A.M.	
Bicknell, A. C.	M.	
Bilbie, J.	M.	
Billinton, L.	A.M.	
Binnie, Sir A. R.	M.	
Binns, A.	A.M. M.	
Bird, G. Bird, P. C.	G.	
Bird, F. U.	M.	
Birkett, H. Björnstad, J.	M.	
Black, P. B.	M.	
Bloker A A	A.M.	:
Bland I P	M.	
Blaker, A. A. Bland, J. P. Blane, W.	M.	
Blaxter, A. P., Jun.	M.	:
Blaxter, A. P., Jun. Bloomfield, C. W.	G.	
Bloyd, F. G.	A.M.	
	M.	
Bock, J. K. Bollam, W. C.	A.M.	
Bollam, W. C.	A.M.	
Boiton, H.	A.M.	
Bonniwell, P. O.	M.	(
Boot, J. N.	A.M.	
Booth, R.	M.	(
Boreham, G. H.	A.M.	(
Borner, O. L.	A.M.	(

ondon (cont.)—	
Danile A T	3.6
Doule, A. J.	M.
Boulton, J. H. Bousfield, J. E.	A.M.
Bousfield, J. E.	M.
Ponta T	A.M.
Doubs, 1.	TALLE.
Bouts, T. Bown, C. H.	_ M.
Boxer, Eng. Lt. A.	C.
, ,	A.M.
Pord C W	A TAT
Boyd, G. W.	A.M.
Boyle, A.	M.
Bradford, P. R.	A.M.
Bradford, P. R. Bradney, W.	M.
Drader H W	A TAT
brauy, n. w.	A.M.
Bramwell, E. C.	G.
Braun, H. C. H.	A.M.
Bremner A T	G.
Promon D A	
Bremner, D. A.	M.
Brewer, E. G.	M.
Brewer, R. W. A.	M.
Brewster E. H G	M.
Pridge W I	
Bradford, P. R. Bradney, W. Brady, H. W. Bramwell, E. C. Braun, H. C. H. Bremner, A. J. Bremner, D. A. Brewer, E. G. Brewer, E. H. G. Bridge, W. J. Bridges, W. Brierley, H. H. Briggs, R. A.	G.
Bridges, W.	M.
Brierley, H. H.	A.M.
Briggs, R. A.	A.M.
Briggs R I D	
Driggs, It. J. I.	G.
Brierley, H. H. Briggs, R. A. Briggs, R. J. P. Brinton, L. K.	G.
Brooks, H. G. Brophy, M. M. Brotherhood, S.	A.M.
Brophy, M. M.	M.
Prothorhood C	M
Brotherhood, S.	M.
Broughall, G. Brousson, R. P. Browett, T.	A.M.
Brousson, R. P.	M.
Browett, T.	M.
Program A	M.
Brown, A. Brown, H.	7.6
Brown, H.	M.
Brown, H.	A.
Brown, J. F.	M.
Brown, H. Brown, J. F. Brown, T. E. B.	A.M.
Drown, I. E. D.	
Brown, T. E. B. Brown, W.	M.
Browne, J. L. Browne, T. B.	G.
Browne, T. B.	M.
Browne, T. B. Browne, T. R.	M.
Drowniche W H	TAT.
Brownjohn, W. H.	M.
Bruce, A. K.	A.M.
Bruce, J. G.	A.M.
Bruce, J. G. Bruce, R.	M.
Driickmann O I	
Brückmann, O. J.	G.
Brunlees, J.	G. M.
Brunlees, J. Bryan, W. B.	G. М.
Brunlees, J. Bryan, W. B.	G. М.
Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
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Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
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Brunlees, J. Bryan, W. B. Buckham, E. H.	G. M. M. A.M.
Brunlees, J. Bryan, W. B. Buckham, E. H. Buckham, G. T. Buckton, E. J. Buckton, W. W. Budding, B. H., Jun Bulleid, O. V. P. Bullmore, F. C. Bullwinkle, G. R.	G. M. M. A.M. G. A.M. G. A.M. G.
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Brunlees, J. Bryan, W. B. Buckham, E. H. Buckham, G. T. Buckton, E. J. Buckton, W. W. Budding, B. H., Jun Bulleid, O. V. P. Bullmore, F. C. Bullwinkle, G. R. Bunt, T. Burn J.	G. M. M. A.M. G. A.M. G. A.M. G. G. G.
Brunlees, J. Bryan, W. B. Buckham, E. H. Buckham, G. T. Buckton, E. J. Buckton, W. W. Budding, B. H., Jun Bulleid, O. V. P. Bullmore, F. C. Bullwinkle, G. R. Bunt, T. Burn J.	G. M. M. A.M. G. A.M. G. A.M. G. G. M.
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Brunlees, J. Bryan, W. B. Buckham, E. H. Buckham, G. T. Buckton, E. J. Buckton, W. W. Budding, B. H., Jun Bulleid, O. V. P. Bullmore, F. C. Bullwinkle, G. R. Bumpus, F. A. Bunt, T. Burne, E. L. Burnet, C. D. Burstall, H. R. J.	G. M. M. M. G. A.M. G. A.M. G. A.M. G. A.M. G. A.M. M.
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Brunlees, J. Bryan, W. B. Buckham, E. H. Buckham, G. T. Buckton, E. J. Buckton, W. W. Budding, B. H., Jun Bulleid, O. V. P. Bullmore, F. C. Bullwinkle, G. R. Bumpus, F. A. Burn, T. Burn, L. Burnet, C. D. Burstall, H. R. J. Burt, G.	G. M. M. G. A.M. G. A.M. G. A.M. G. G. M. M. G. M.
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Sterne, L.	M.	Trotter, A. P.	M.	Western, M. R.	M.
Stevens, E. C.	A.M.	Troughton, H. J.	G.	Weston, G. C.	A.M.
Stevens, J.	M.	Tully, W.	M.	Wetherell, R. E. C.	
Stevenson, H.	M.	Tunnicliffe, W. G.	A.M.	Whalley, H. de	G.
Stevenson, J.	A.M.	Turpin, W. A.	M.	Wheaton, H. J.	G.
Stewart, C. J.	A.M.	Twelvetrees, W. N.	M.	Whitaker, J. W.	A.M.
Still, W.	M.	Ullmann, W. C.	M.	White, A. F.	M.
Stock, C. S.	G.	Umney, H. W.	M.	White, D. H.	A.M.
Stockley, C. R.	.1.M.	Underwood, A. L.	A.M.	White, D. M.	A.M.
Stokes, J. T.	A.M.	Unwin, Dr. W. C.	M.	White, J. D.	(7.
Stone, S.	M.	Urie, R. W.	M.	White, R.	M.
Stone, S. C. E.	A.M.	Urquhart, L.	М.	White, W. E.	A.M.
Stove, A. E.	A.M.	Utting, S.	A.M.	White, Sir W. H.	M.
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Straker, S.	M.	Veal. J. M.	(i.	Whitehouse, E.	G.
Strangways, G. E. A		Vernon, C. E.	M.	Whitie, A.	A.M.
Sugden, T.	M.	Vesian, J. S. E. de	M.	Wiekham, O.	G.
Sullivan, C. E.	M.	Vezey, A. E.	A.M.	Wicks, H.	M.
Swan Sir I W	M.	Viney, H.	A.M.	Wigham, J. C.	G.
Swan, Sir J. W.	M.	Vining, R. V.	G.	Wilby, F. B.	M.
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Landan (cont)	Luton-		Manchester (cont.)-
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Wilkinson, F. A.M.	Kitchen, J.	A.M.	Craven, W. H. S. M.
Wilkinson, F. A. M.	Wiseman, E.	A.	Crawford, J. M.
Wilkinson, H. D. M.	TT ADDINGUES AND	4.4.4	Creighton, H. A.M.
Willeox, B. B. G.	Tythom-		Crosland J. F. L. M.
Willcox, R. J. N. M.	Lytham—	M.	Crosslev, Sir W. J. M.
Williams, Albert E. A.M.	Buckley, J. T.		Crossley, Sir W. J. M. Dallow, W. H. G.
Williams, Arthur E. M.	Dixon, J.	G.	Daniels, G. M.
Williams, C. E. M.	25 2 0 - 1 2		Daniels, W. G.
Williams, H. M.	Macclesfield—	3.5	Davidson, J. A.M.
Williams, H. R. G.	Wade, W. R.	M.	Dawson, H. W. A.M.
Williams, J. R. G.			Deakin, G. W. A.M.
Williams, S. V. A.M.	Maidstone-		Deluce, S. A. N. A.M.
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Willis, E. A.M.	Maldon-		Ellison, W. T. A.M.
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Wilson, H. S. A.M.	,		Ermen, G. A.M.
Wilson, J. M.	Malton-		Fiegehen, E. G. A.M.
Wilson, J. W. M.	Strickland, F.	M.	Fowler, H. A.M.
Wilton, L. E. A.M.	200000000000000000000000000000000000000		Fowler, W. H. M.
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Winston, H. H. M.	Abbott, R. H.	A.M.	Garratt, H. W. M.
Wise, Sir W. L. M.	Ablitt, E. F.	A.M.	Glasson, G. A.M.
Wolfe, J. E. M.	Adams, M. H.	A.M.	Gobey, F. E. A.M.
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Woodall, C. M.	Ashbury, T. Aspinall, J. A. F.	M.	Hamilton, H. G.
Woodward, N. P. A.M.	Aspinall, J. A. F.	M.	Handyside, C. B. M.
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Woollen, T. H. M.	Baldwin, A. H.	M.	Hayton, C. E. P. A.M.
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Worssam, L. H. G.	Bedson, J. P.	M.	Hesketh, W. O. A.M.
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Wright, B. H. M.		A.M.	Higson, J. M.
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Wright, T. H. G.		M.	Hiller, E. G. M.
Wright, W. R. M.		A.	Hiller, H. M.
Yates, R. V. G.		A.M.	Holliday, C. E. A.M.
Young, G. A. A.M.		M.	Hopkinson, C. M.
Young, H. W. A.M.		M.	Hopkinson, E. M.
Young, P. L. A.M.		M.	Hoult, W. A.M.
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Coltman, W. W. A.M. Jones, G. P. M.	Burton, J. H.	A.M.	Huxley, G. M.
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Weston, W. N. M.	Charlton, H. J.		
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Loughton-	Claremont, E. A. Clarke, J. T.	A.M.	
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Knocker, G. S. A.M		A.M.	Lange, E. F. S. M.
Reynolds, J. A. M		M.	Lawson, W. A.M.
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Leese, J. S.,	G.	Seymour, E. S.	A.M.	Baker, H. H.	A.M.
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Lister, R. R.	M.	Smethurst, W.	M.	Gore, G. E.	A.M.
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Longridge, M.	M.	Spencer, M.	M.	Marshall, F. H.	M.
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Manning, E.	A.M.	Stratton, J.	M.	Middleton-	
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Mason, J. W. V.	A.M.	Stubbs, J. H.	M.	A. W. J.	A.M.
Massey, H. F.	M.	Sumner, G. G.	A.M.		
Massey, L. F.	M.	Sumner, L.	A.M.	Middlewich-	
Mather, Sir W.	M.	Taylor, A. W.	A.M.	Harlock, E. B.	M.
Matthews, R.	M.	Taylor, W. R. C. Tetley, T. R. H.	A.M.		
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Moores, J.	A.M.	Urquhart, R. J.	A.M.	Oke, F. R.	М.
Mortimore, W.	M.	Urquhart, R. J. Vaughan, W. H.	М.		
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Nicholson, H.	M. G. G.	Watkins, J. H.	A.M.	Josselyn, E.	A.M.
Noyce, C. H.	G.	Webb, G.	G.	Ransome, A.	M.
O'Brien, G. H.	G.	Weir, D. C.	G.	Woodger, P. B.	A.M.
O'Brien, J. O.	M.	West, J.	M.	000001, 1. 1.	ZE-JUE-
Orrell, J. T.	M.	Whitehead, J. P.	A.M.	New Barnet-	
Owen-Griffiths, W		Willeocks, F. R.	M.	Bancroft, F. J.	M.
Parrott, A. G.	A.M.	Williams, Sir E. L.	M.	Dancioit, F. J.	all.
Peacock, R.	M.	Williams, V. I. N.	A.M.	Newbury-	
Peam, F.	A.M.	Wilson, T. D.	A.M.	Kent-Norris, H., Ju	m C
Pearce, S. L.	M.	Wollaston, T. R.	M.	Ross, C. A.	A.M.
Pickford, F.	A.M.	Wood, W. A.	A.	16085, O. A.	A.M.
Pilling, H.	М.	Worthington, S. B.	M.	Newcastle, Staffs,-	
Pochin, E. A.	A.M.	Wright, T.	M.	Rlaikia I N	A M
Pole-Wedlake, R. V		Yates, W.	M.	Blaikie, J. N.	M.
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Pryce, W. H.	(i.	Manningtree-		Newcastle-on-Tyne	
Rayner, H. S.	A.M.	Redfern, C. J.	A.M.	Abel, W. R.	M.
Reed, C. E.	A.M.	210010111, C. J.	Trail.	Allan, G. Anderson, W. J.	M.
Renold, H.	M.	Mansfield-		Ankawaicht D.C.	A.M.
Richards, C. C.		Patchett, J. H.	A.M.	Arkwright, B. G. Armstrong, W.	M. M.
Ride S	G. M.	1 40011000, 0. 11.	distribu	Rolean Eng I & F	E M.
Ride, S. Rigby, T. Ritchie, T. E.	A.M.	Margate-		Baker, Eng. Lt. E.	
Ritchie T E		Lower, R. A.	A.M.	Bates, H. H.	G.
Roberts, H.	A.M.	Roove F H		Bennett, H. A. D.	A.M.
Roberts, J.	A.M.	Reeve, F. H.	G.	Billetop, T. C.	M.
Robertson, G. F.	A.M.	Matlock-Bath-		Brackenbury, H. L.	
Robinson, J. G.	М.	King, C. P.	3/	Browne, Sir B. C.	M.
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Rowley, S. H.	M.	Murray, T. R.		Crosier, E. J.	A.M.
Roylance, A. H.	M.	Roy, W.	M.	Cunningham, F. L.	G.
Salter, J. R.	A.M.	260), 11.	M.	Dalton, W. T.	A.M.
Sanders, P. A.	A.M.	Melton Constable		Dunkerton, E. C.	A.M.
Saxon, A.	M.	Melton Constable—	36	Ellis, C. G. H.	G.
Saxon, G.	M.	Marriott, W.	M	Fife, F. G.	G.
	M.	Newman, W. E.	M.	Fletcher, W.	M.
Saxon, L.	().	Melton Moushness		Forster, A. L.	M.
Sayers, R. J. H.	M.	Melton Mowbray-	0	Girling, H. C.	A.M.
1 10, 11, 5, 11,	ATA.	Marsh, C. K.	G.	Hartley, W. A.	M.

Newcastle-on-Tyne-	Northwood-	3.5	Oxford-	a
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Hepper, J. M.			Lucy, W. T.	M.
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Holmes, R. J. M. M. Hunter, G. L. M.	Howard, H. J. Pank, A.	G. A.M.	Paignton— Hawkins, J. C.	A.M.
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McVittie, M. J. G.	Nottingham-	20	Williams, W. H.	M.
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Mountain, W. C. M. Newlands, A. H. G.		A.M.	Goddard, W. C.	G.
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Philipson, J. G. Philipson, W. G.	Cowen, E. S.	M.	Holman, F.	M.
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Watson, H. B. M.	Pullman, H.	G.		
Watson, T. J. M.	Reader, R.	M.	Plumstead—	4.35
Watson, W. C. M. Watt, A. M.	Robinson, Prof. W. Sheldon, H. C.	M. M.	Groundwater, W.	A.M.
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Westmacott, P. G. B. M.	Smith, I.	M.	Poole, G. G. T.	G.
Weyman, J. E. M.	Smith, R. V.	A.M.	Quinton, W. R.	G.
Young, J. M. Younger, R. M.	Taylor, W.	M. M.	Rodd, J. M. Spiller, C.	A.M.
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Newport, Salop-	Wardle, F. H.	A.M.	Turton, W. H.	M.
Saville, H. G.	Westmoreland,	3.6	P1 47	
· ·	J. W. H.	М.	Plymouth— Andrew, Eng. Lt.	G F
Newton Abbot—	Oakengates-		Andrew, Eng. 11.	M.
Giles, B. M.	Bechtel, R. C.	A.M.	Back, A. C. L.	M
Noveton la Willows	Holland, B. A.	A.M.	Hart, W. H.	A.M
Newton-le-Willows- Surtees, R. T. M.	Old Charlton-		Hoyte, P. S. Luke, R. M.	A.M.
2000, 200	Bailey, D. E.	G.	Moon, E. R.	M.
Norbiton-	Pope, A. P.	A.M.	Neal, R. H. B.	M.
Rankin, E. A.M.	Oldham—		Scott, G. H.	G.
Wanthamantan	Austin, S., Jun.	A.M.	Trotter, W. B. Westacott, P.	G. A.M.
Northampton— Allinson, G. L. G.	Charlesworth, S.	M. M.	Westacout, 1.	A.M.
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Hannah, J. C. A.M.	Ferguson, R. M.	A.M.	Gwynne, J. E. A.	M.
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Mobbs, H. A.M. Moncrieff, R. W. A.M.	Holland, L. C. Howarth, W.	A.M. M.	Pontefract— Briggs, C.	M.
Monthlett, 16. 11.	Mannock, J. J.	A.M.	Dings, O.	212.6
North Shields—	Millington,		Portsmouth-	
Atkinson, J. T. G.	W. E. W.	A.M.	Ashley, H.	M.
Northwich—	Taylor, R., Jun.	M. A.M.	Ashworth, J. D. Clutterbuck, H. C	M. G.
Boyd, W. A.M.	Wallace, W.	A.M.	Damant, Eng.	
Cook, J. A.M.	Oswestry-		Lt. W. S.	M.
Dronsfield, W. M.	Darling, H.	A.M.	Fisher, H. B.	В. М.
Hollows, A. A.M. Yarwood, W. J. M.	Jones, H. E. Owen, E. H.	M. G.	Hall, Eng. Lt. W. Handy, C. E.	A.M.
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Portsmouth (cont.)-	Richmond, Surrey-	Ryde—
Haves, M. W. G.	Gardner, A. C. A.M.	Colyer, F. M.
Lironi, V. G. M. Little, Eng. RrAdml.	Trimnell, L. C. B. A.M.	001,01,1
Little, Eng. RrAdml.		St. Albans—
Lonnon, Eng. Capt.	Rochdale-	Bowden, G. R. H. M.
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Saye, K. N. A.M.	Kershaw, G. A.M.	buggato, O. I. D.
Stocker, Eng. Lt. P. M.	Leach, G. B. G.	St. Anne's-on-Sea-
Twelvetrees, R. W. R. G	Liebert, H. A. M.	Speight, J. W. A.M.
Prescot-	Moffet, J. S. D. M.	
Tennant, J. A.M	Porritt, L. A. M.	St. Columb—
	Radcliffe, J. J. A.M.	Cardew, C. E. M.
Preston-	Robinson, C. J. M. Robinson, P. S. A.M.	St Helens I snes -
Adams, D. A.M. Bowman, H. M.	Storie, G. B. M.	St. Helens, Lanes.— Hollingsworth, E. M. M.
Bowman, H. E. A.M.	Tweedale, J. M.	Hyde, G. A.M.
Conner, J. M.	,	Jenkinson, T. M.
Dryden, T. M.	Rochester-	Lackland, J. J. M.
Dryden, W. A.M.	Aveling, T. L. M.	Smith, W. M.
Foley, B. P. A.M.	Cheeseman, A. B. E. G.	Swallow, J. A.M.
Gibbs, G. J. M.	Goodyear, W. A.M.	West, L. M.
Grimshaw, G. W. M. Hatch, W. A. G.	Romford-	St. Leonards-on-Sea-
Iddon, J. M.	Bryan, B. W. M.	Ball, C. S. A.M.
Mindo, A. W. M.		20023 00 109
Moyle, E. C. A.M.		Salcombe-
Newman, W. B. A.M. Nixon, C. B. A.M.		Lishman, J. J. A.M.
Nixon, C. B. A.M.		6-16-1
Norris, W. M.		Salford—
Seymour, W. F. E. A.M.		Adams, E. M. Bailey, H. D. A.M.
Spurrier, H. M.	Chrimes, C. E. A.	Bailey, Sir W. H. M.
Purley-	Cross, E. A.M.	Bailey, Sir W. H. M. Bates, H. M.
Duff, P. J. A.M	Dick, F. M. G.	Coventry, T. A.M.
Radlett-	Dyson, R. M.	Donovan, E. W. M.
Harden, G. F. St. C.	Garrard, C. R. M.	Gresham, H. E. M.
A.M	Green, T. M.	Gresham, J. M.
	JULIANUS, E. J. A.WI.	Hodgson, W. M. Kiernan, G. M.
Rainhill—	Moss, F. C. G. Wilson, J. C. A.M.	Kiernan, G. M. Kirkman, P. D. A.M.
Brearley, F. T. M	Wilson, J. C. A.M.	Larmuth, J. H. A.M.
Rayleigh-	Rugby-	Larmuth, W. O. A.M.
Taylor, C. E. A.M		Morris, J. M.
_	Blyth, E. B. A.M.	Morris, J. A. M.
Reading—	Burke, W. K. G.	Shaw, John A.M.
Binns, W. Brown, W. L. A.M		Shaw, Joshua M. Shaw, P. A.M.
Brown, W. L. A.M. Carter, H. C. A.M.	about.	Smith, R. A. M.
nura, M. A.M		Widdowson, J. H. M.
Lawson, J. C. S. A.M	· Fox. E. J. A.M.	Woods, W. H. M.
Meaden, N. M	· Green, G. W. A. G.	
Muirhead, D. A.M	· Hemmings, H. F. L.	Saltash—
Routh, W. P. M Stedman, G. P. W. A.M	A	Longridge, Capt. C. C. M.
Sutton, H. R. A.M	W 1 March of	Saltburn-by-the-Sea-
Swaffield, N. A.M		Gaspar, G. H. W. A.M.
Ward, T. H. A.M	Pocock, J. H. A.M.	Crooping or as: 111
	Prosser, N. L. G.	Sanderstead-
Redditch-	Robinson, L. H. A.M.	Graham-Jones, E. C. G.
Betterton, W. G. Jones, S. D. A.M.	Rose, F. C. G.	Wunderlich, A. A.M.
Smith, R. W.	flinoto, ii.	
and the same of	Tymomer, 1. 11. A.M.	Sandgate-
Red Hill—	Wood D (1	Iden, G. M.
Appleby, P. V.		Casubananah
Wordingham, C. H. M	Rugeley-	Scarborough— Snowdon, J. A. M.
Reigate-	Pratt, H. K. A.M.	Snowdon, J. A. M.
Gritton, S. E.		Seaford-
Retford-	Runcorn—	Mosley, L. D. A.M.
Fletcher, D. C. A.M	Allen, P. R. M.	acoust an are
	Bourne, E. S. A.M. Timmins, E. A.M.	Selby-
Lister, J. E. A.3		

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Sevenoaks-		Sheffield (cont.)—		Southampton (cont	.)—
Hammond, W. J.	М.	Ockendon, W.	М.	Nevill, A. J.	G.
Humphrey, F. G.	A.M.	Osborn, W. F.	G.	O'Neil, R. S.	A.M.
Pearson, V.	G.	Palmer, A.	A.M.	Porgona H	A.M.
m occasionally 4 s	٠.	Pigott, A.	A.M.	Parsons, H.	
Chaannage				Porter, E. W.	A.M.
Sheerness-	4.35	Poulton, W.	A.M.	Tebbutt, S.	M.
McCaffery, J.	A.M.	Powell, A. C.	A.M.	Waldron, F. B.	A.M.
		Radford, R. H.	M.	Wallau, F. P.	M.
Sheffield-		Rasey, A. E.	A.M.	Wimshurst, J. E.	M.
Adamson, W.	G.	Ripper, Prof. W.	M.	Willishursu, J. 12.	III.
Adamson, W.					
Addy, G.	M.	Sandeman, E.	M.	South Brent-	
Allen, W. E.	A.	Sheldon, J.	M.	Chenhall, S. S.	G.
Barker, J. H.	A.M.	Sia, W. V.	G.	Chichian, S. S.	u.
Barnes, A.	A.M.	Simpkin, F. H.	M.		
Beckett, J. E.	G.	Skinner, A.	M.	Southend-on-Sea-	-
Deckett, J. 12.		Stockton T C		Elford, E. J.	M.
Benfield, J.	A.M.	Stockton, J. S.	M.	Rayner, J. M.	
Berry, F. L.	A.M.	Thompson, B. V.		Compath W. M. C.	A.M.
Beven, G. N.	G.	Thursby, T. A. Unwin, M. E.	G.	Smyth, W. M. C.	A.M.
Binns, H. V.	A.M.	Unwin, M. E.	A.M.	Taylor, A.	A.M.
Bishop, R.	G.	Vickers, A.	M.		
Distrop, It.		Violeona II I		South Godstone-	
Bland, F.	M.	Vickers, T. E.	M.	Tartt, W.	M
Brearley, W. H.	М.	Warlow, F. A.	М.	Lau vv, vv.	M.
Capron, A. J.	\mathbf{M} .	Webster, A. G.	A.M.		
Carnegie, D.	M.	Webster, F. T.	A.M.	South Milford—	
Carr, W. S.	M.	Wild, A. G.	M.	Boorman, J. A.	M.
Cart, W. S.				Carrick, J. E. C.	G.
Carter, W.	A.M.	Williams, J. R.	A.M.	Carrica, J. E. C.	a.
Cleland, W.	\mathbf{M} .	Willis, G. O. B.	A.M.	C . 43	
Cooke, F. W.	A.M.	Wilson, C. A.	A.M.	Southport—	
Cooper, H.	M.	Wilson, G.	A.M.	Bayley, J. P.	A.M.
Cooper, II.		Wood, H. L.		Heap, W.	A.M.
Cowen, G. H.	М.	Youdland W. II	G.	Lees, C. J.	A.M.
Craven, J. A.	М.	Yardley, W. H. Yerbury, H. E.	A.M.	Manua A	
Crookes, J. H.	A.M.	Yerbury, H. E.	\mathbf{M} .	Murray, A.	A.M.
Crosland, J.	$\mathbf{M}.$	Young, S. J.	M.	Rothery, W. B.	M.
Davidson, A.	M.			Stanley, H. F., Jur	a. A.M.
	M.	Sherborne-		3, ,, _ 0,	
Davy, B. J.			~	South Shields—	
Dewhurst, J. H.	\mathbf{M} .	Lee, A. T.	G.		. 35
Drake, A. P.	A.M.			Cawthra, J. H.	A.M.
Drinnan, J.	A.M.	Shipley-		Readhead, R.	M.
Fawcett, P. W.	A.M.	Atkins, H. F.	A TAP	Roseveare, L.	A.M.
Foddon C T	M.		A.M.		
Fedden, S. E.		Parkinson, E.	A.M.	Sowerby Bridge-	
Fenton, C. S.	G.	Parkinson, J.	М.	Millian W 0	3.5
Ferranti, S. Z. de	$\mathbf{M}.$	Polglase, A. H.	A.M.	Milligan, W. S.	M.
Firth, A.	\mathbf{M} .	Schofield, S. D.	A.M.	Pollit, E. E.	M.
Foggo, W.	M.				
Foggo, W.		Webb, T. H.	M.	Stafford-	
Foster, G.	A.				0
Foster, R. J. Fryer, T. J.	A.M.	Shrewsbury-		Clausen, H.	G.
Fryer, T. J.	A.M.	Johnston, C. M.	M.	Gilling, A. H.	M.
Gibbins, J. E.	A.M.	Pulleine, J. J.	A.M.	Jantzen, P. H. H.	G.
Greaves, W.	A.M.	Williams, W. D.		Pimm, A. W.	A.M.
	M.	Williams, W. D.	A.M.	Schiller, F. W.	M.
Hadfield, Sir R. A.				Bolliner, E. W.	TIT.
Halcomb, S. B.	М.	Sideup-		C4 - 1 - 1 - 1 - 1	
Hambly, P. N.	A.M.	Farnham, W. A.	A.M.	Stalybridge-	
Hatfield, W. H.	A.M.			Cook, W. H.	M.
Hawksley, C. W.	A.M.	Harris, S. E.	A.M.	Hudson, W.	M.
Heath, J.	G.				
		Slough-		Stamford-	
Hodgson, R. B.	A.M.	Hibberd, F. C.	A.M.		3.6
Howell, S. E.	М.	Done W W		Blackstone, E. C.	М.
Hovle, J. R.	$\mathbf{M}.$	Pope, W. W.	M.	Carter, E.	A.M.
Jack, J. H.	A.M.	Rendell, H. T.	G.	Carter, F.	A.M.
	A.	Secker, J. H.	A.M.	Watts, R. E.	A.M.
Jackman, J.		Toner, J.	G.	*** 200005, 10. 13.	ZL.ML.
Johns, C.	M.	20202,00	٥.	64	
King, E.	A.M.	Enadland		Steventon-	
Lash, H. W.	M.	Snodland—	4.75	Squire, G. F.	A.M.
Laycock, W. S.	M.	Thornton, H. H.	A.M.		
	M.			Stoolshuiden Hente	
Little, J.		Southall-		Stockbridge, Hants	
Lowe, A. C.	G.		3.0	Tomkins, W. S.	M.
MacGregor, J.	М.	Sanders, H. C.	M.		
Mappin, Sir F. T.	M.			Stockport-	
Marr, J.	A.M.	Southampton-		Atkinson, J.	M.
Marsh, H. E.	A.M.	Baldwin-Wiseman	1		A.M.
Magaall A F				Brown, C. A.	
Mascall, A. E.	A.M.	W. R.	A.M.	Chorley, R.	A.M.
Matthews, T. B.	A.	Burnand, A. H.	A.M.	Day, C.	M.
McKinnel, W.	A.	Cook, R. J.	M.	Godfrey, A. S.	M.
Meggitt, S. N.	A.	Houfe, W. W.	M.	Harlow, B. S.	A.M.
Miller, W. T. W.	M.		G.	Judd, J. H.	M.
Latitude, 11. I. 11.	454.0	Humble, G. C.	G.	Juda, J. II.	All.

Stockport (cont.)—		Sunderland-		Thirsk-	
Maw, H.	A.M.	Armstrong, W. I.	M.	Bamlett, A. C.	M.
Naylor, J. W.	A.M.	Blackman, A. S.	M.		
	A.M.	Clark, G.	M.	Thrapston-	
Pearson, H.				Barnes, H.	A.M.
Pettit, W. R.	A.M.	Clark, H.	M.	Design of the	4.6.5 6.7.6.5
Pooley, H.	M.	Coueslant, L. D.	A.M.	Tipton-	
Scorer, A. B.	A.M.	Dale, J.	M.		A TAT
Taylor, J.	M.	Dickinson, J. C.	M.	Chambers, E. H.	A.M.
Urie, J. B.	A.M.	Doxford, A.	A.M.	Chambers, E. J.	M.
				Howl, E.	M.
Whitehead, H. F.		Doxford, R. P.	M.	Lindop, W.	A.M.
Youatt, C. S.	A.M.	Hunter, C. F.	A.M.	Parker, J.	A.M.
		King, C. A.	A.M.	Therefore T	M.
Stockton-on-Tees-		Mills, W.	M.	Turley, T.	
Anderson, W.	M.	Simpson, W.	M.	Whitehouse, G. H.	A.M.
Paulson II D		Thompson D C	M.		
Barker, T. P.	M.	Thompson, R. C.		Tonbridge-	
Beard, B.	M.	Wake, H. H.	M.	Hervey, C.	A.M.
Dunn, M.	M.	Willcox, H. W.	M.	• • • • • • • • • • • • • • • • • • • •	
Hamilton, H. P.	M.			Torquay-	
Job, N. H.	A.M.	Surbiton-		Ball, W. F.	G.
			A.M.	Coombox T	A.M.
Johnson, A.	A.M.	Donnison, E. G.		Coombes, T.	
Newton, R.	A.M.	Harris, R. H.	M.	Geen, H.	A.M.
Ringquist, J. M.	M.	Terry, S. H.	M.	Gray, T. L.	M.
Warner, A. W.	A.	Wrineh, H. E. H.	M.	Hayward, J. W.	A.M.
	M.			Houghton, J. C. A.	M.
Wrightson, Sir T.	ML.	~ ~			
Stales on Buant		Sutton, Surrey—		Langdon, W.	M.
Stoke-on-Trent-		Allison, W. E.	G.	Storey, P.	M.
Adams, J. H.	M.	Lampard, P.	A.M.	Weatherburn, R.	M.
Bolton, E. J.	G.				-
Carter, K. A.	G.	Robins, G. M.	M.	Torrington-	
Child C T		Young, W.	A.M.		A.M.
Child, G. T.	M.			Rogers, E. H.	A.M.
De Aguirre, O. C.	G.	Sutton-on-Sea-		Matman	
Freeman, W. W.	A.M.		M.	Totnes-	
Hookham, J. A.	M.	Orcutt, H. F. L.	273.0	Harvey, Sir R.	M.
Kidd, J. W.	M.				
Enottenford Forte		Swanscombe-		Totteridge-	
Knottesford-Forte	scue.	Anderson, H.	M.	Newman, W. H.	A.M.
Rev. J. N.	A.M.				
Mitcheson, G. A.	M.	Swindon-		Trowbridge-	
Shaw, J.	A.M.	Swindon-		Eden, C. H.	G.
Smith, C. St. V.	G.	Browne, W. R.	M.		
Wainford D H		Burge, R. L.	G.	Haden, C. L.	A.M.
Wainford, R. H.	M.	Burrows, G. H.	A.M.	Haden, W. N.	M.
Ctonobours Clas		Churchward, G. J.	M.		
Stonehouse, Glos				Truro-	
Stotesbury, R. H.	A.M.	Dimmack, A.	A.M.	McBride, F.	A.M.
		Ferguson, D. H.	G.	medride, F.	ZL.DL.
Stony Stratford-		Hogarth, W. J.	A.M.		
Bull, T. P.	A.M.	King, H. C.	M.	Tunbridge Wells-	
Hayes, E.	M.	Loveridge, A. W.	A.M.	Boot, H. L. P.	A.M.
2209 00, 21.	ata.	Stanion W. A		Crowther, H.	A.M.
Ctoumbuildan.		Stanier, W. A.	M.		A.M.
Stourbridge-	3.5	Thomas, L. R.	M.	Davis, F. M.	G.
Attwood, J.	M.	Waister, W. H.	M.	Hartree, R.	
Cleverly, W. B.	A.M.	Williams, W. H.	M.	Jones, F. R.	M.
Cleverly, W. B. Jones, W.	M.	Wright, F. G.	M.	Salomons, Sir D. L.	, Δ.
Marten, E. B.	M.	11.1g.11.0, 1. O.	MA.		
Marten, H. B.	A.M.	00		Twickenham-	
Zitter volle, II. D.	ZE-ME,	Tamworth-		Best, F. E.	M.
Stourport-		Hearn, E. W.	G.	Dest, r. E.	
	3.5	Willis, E. T.	M.	Engert, F. P. Moore, E. S. C.	G.
Lucy, A. J.	M.		2/2.	Moore, E. S. C.	G.
64		Tounton		Pannell, J. R.	G.
Stowmarket-		Taunton-		Shaffield F G .	A.M.
Carter, J. A.	A.M.	Craven, J. E. H.	A.M.	Sheffleld, F. G. Stirling, D. E.	M.
				Surnug, D. L.	MI.
Stroud, Glos.—		Teddington-			
Alder, G. F.	A.M.		3.5	Uxbridge-	
Compan G		Chapman, L.	M.	Salis, H. R. de	A.M.
Cowcher, G.	A.M.	Rowell, H. S.	G.		
Higgins, E. P.	A.M.	Savory, G.	A.M.	Wakefield-	
Jones, S. G.	M.	Slater, E.	A.M.		A 35
Kimmins, E. R.	A.M.	Stenning, H. A.	M.	Bailey, D.	A.M.
King, H. J. H.	M.			Blakey, J.	A.M.
Platt, F. J.	M.	Thompson, J. A.	A.M.	Casmey, W. H.	A.M.
Sargeant, E. F.	M.			Blakey, J. Casmey, W. H. Childe, H. S.	M.
		Thames Ditton-		Close, H. A.	A.M.
Smith, T. G.	M.	Cross, J. W.	A.M.	Day H.C	G.
51		C1 086, 5. TV.	A.dl.	Day, H. C.	
Sturminster Newto	on—	m1		Derbyshire, J.	A.M.
Maclagan, R.	M.	Thetford-		Green, Sir E.	M.
		Burrell, C.	M.	Groom, I. S. W.	A.M.
Sudbury, Suffolk- Grew, F. W.		Wilson, E. M.	G.	Longbottom, J. L.	G.
20 222	M.	Wilson, W. C.	M.	Whiteley, J. W.	G.
Trow, F. W.					

Wallingford-		Wednesbury (cont.)	-	Willington, Durha	722
Duvall, C. A.	M.	Parsons, H. W.	A.M.	Sandona G	
,	202.0	Platt, F.	M.	Sanders, G.	A.M
Wallington-		Platt. I.	M.	TETT ob out out	
	A 78/F			Winchester-	
Wohaton D E	A.M.	Smallman, H. S.	М.	Head, H. C.	A.M.
Webster, R. K.	G.	Spencer, J.	М.	Talbot, F. W.	A.M.
YY7 - 11 1		Spencer, T. H.	M.		
Wallsend-		Winder, O.	M.	Windsor-	
Cullen, W. H.	M.			Holden, P.	A.M.
Greenway, N. W.	G.	Wellingborough-		Mitchell, W. G.	G.
Hunter, S.	M.	Mather, G. R.	M.	Sainty, C.	
,	TIES	211001101; Ct. 10.	III.		М.
Walmer-		Wellington, Salop-	_	Taylor, E., Jun.	M.
Lapage, R. H.	W			Willis, G.	A.M.
mapage, m. m.	M.	Perry, F. B.	G.		
XXX - 3 13		Procter, J.	M.	Winsford—	
Walsall—				Malcolm, G. W.	M.
Owston, W. H. Parker, E. T.	A.M.	Wellington, Somer	set—	,	
Parker, E. T.	A.M.	Sparkes, S. H.	M.	Witney-	
Slater, J. G.	M.	Wright, T. G.	A.M.	Young, H. W.	A TAT
Standley, G. A.	G.		distant .	roung, H. W.	A.M.
Talbot, W. J.		West Prominish		****	
	A.M.	West Bromwich—	4 70 5	Woking—	
Walker, J. G.	M.	Bunn, C. W.	A.M.	Buck, E. C.	A.M.
999 T.		James, A. A.	A.	Homan, H.	M.
Waltham Cross-		Kenrick, Sir G. H.	M.		
Williams, E. J.	A.M.	Kenrick, J. A.	M.	Woldingham-	
,	- my miles		- Contract	Philips-Smith, B.	A.M.
Walton-on-Thames		Westerham-		I minps-Simila, D.	A.M.
Hill I W			3.0	Walmanhamanham	
Hill, J. K.	\mathbf{M} .	Ward, J.	М.	Wolverhampton-	
Yerbury, F. A.	G.	*** . ** . *		Aldridge, L. S.	G.
Youle, C. S.	G.	West Hartlepool—		Berrington, E. E. V	V. M.
		Burton, C. K.	G.	Britten, T. Bryce, W. E. Down, P. B.	A.M.
Walton-on-the-Naz	ρ	Calvard, F.	A.M.	Bryce W E	M.
Hughes, G. H.	M.	Cooke, A. L.	G.	Down P R	A.M.
Trughos, G. II.	424.0	Gibb, M. S.	M.	Dumboll I D	
Wana				Dumbell, J. B.	A.M.
Ware-		Maclean, A. D.	G.	Fellows, T. E.	A.M.
Bott, W. S.	A.M.	Williams, J. B.	M.	Froggatt, F.	A.M.
				Hanford, R.	G.
Warrington-		West Malling-		Holdsworth, W.	A.M.
Atherton, T.	M.	Chittenden, E. B.	M.	Leach, R. W.	A.M.
Bleckly, J. J.		Chittenatal, h. b.	ata.	Loston W H	G.
Door T	М.	Wayhnidaa		Lester, W. H. Lewis, P. A.	
Deas, J.	М.	Weybridge-	A 78/F	Liewis, F. A.	A.M.
Dixon, R.	M.	Bax, H. E. I.	A.M.	Lloyd-Parton, F.	G.
Houghton, W. H.	A.M.	Clark, J. L.	A.M.	Matthews, J.	A.M.
Lord, F.	A.M.	Sharpley, R.	A.M.	Nash, H. A. F.	G.
Massey, E.	A.M.	Watts, H. W.	A.M.	Podesta, J. J.	A.M.
Monks, F. W.	M.	,		Price, A. E.	A.M.
Neil, A.	M.	Weymouth-		Robinson, J. A.	M.
Owen H		Powell, E. B.	A.M.	Shawfield, C. E. C.	M.
Owen, H.	A.M.	TOWEII, IZ. D.	TI-III-		
Perks, T., Jun.	G.	XXXI 41 O		Shepherd, J. H.	A.M.
Spensley, J. W.	A.M.	Wheatley, Oxon-	~	Smith, D.	M.
Watson, J.	M.	Curry, A. D. M.	G.	Stubbs, H.	A.M.
		****		Thompson, S. J.	M.
Warwick-		Whitby—		Trench, W. C. P.	A.M.
Hewlett, A.	M.	Gill, J. S.	A.M.	Twentyman, H. E.	M.
	ALL O	Mitchell, J.	A.M.	Whittaker, J. H.	A.M.
Watford-				· · · · · · · · · · · · · · · · · · ·	
	7.5	Whitehaven-		Wolventon	
Blackburn, J.	M.	Bentley, H.	M.	Wolverton-	A 3.F
Goodrich, W. F.	A.	Croasdell, J. F.	A.M.	Abbott, A. E.	A.M.
Legros, L. A.	M.	Sankey, B.	A.M.	Mason, C. L.	A.M.
Purse, F. W.	A.M.	Ballkey, D.	A.M.	Park, C. A.	M.
Rogers, H. J.	M.	Whitley Pow			
Smith, G. A.	A.M.	Whitley Bay—	70.4	Wooburn-	
Thomas, J. F. I.		Cowens, W. E.	M.	Harris, W. R. A.	A.M.
Walker, E. G.	М.	Widnes		ALCOLARDS TT . Att. 444	and the
warker, E. G.	G.	Widnes-	A 78.0°	Woodhaldeo	
TYY 1 1 - 4 -		Gaskell, H., Jun.	A.M.	Woodbridge-	A 70.F
Wealdstone-		Pritchard, P. M.	М.	Roberts, P. R.	A.M.
Copping, G. L.	G.	Wilson, R. J.	A.M.	***	
Haggie, R. H., Jun.	M.			Woolmer-	
00 ,,,		Wigan-		Bradshaw, J. H. P.	A.M.
Wednesbury-		Barton, A.	A.M.		
Allen, T. F.	A.M.	Cotsworth, H. G.	A.M.	Woolwich-	
Guyatt D T		Percy, F.	A.M.	Angas, A. S.	M.
Guyatt, D. J.	A.M.		M.		A.M.
Hawksworth, F. S.		Ross, J.		Barber, G. A.	
Horton, L. W.	A.M.	Walker, E. R.	M.	Brodie, G. W.	M.
Micklewright, W.	M.	Walker, J. S.	M.	Carnegie, W.	M,

Woolwich (cont.)— Dean, F. W. C. Donaldson, H. F. Hall, A. H.	M. M. M.	Worcester (cont.)— Hinchliff, J. A. Minors, E. Scott-Lindsley, H.	A.M. G.	Worthing— Cannon, A. E. Stewart, G.	G. G.
Hartley, R. F. Heap, R. D. T. Humphries, A.	A.M. M. A.M.	Seaman, C. J. Shaw, C. M.	A.M. M. A.M.	Wrotham— Bowker, A. F.	M.
Hutchins, F. H. Ledingham, J. M. Naylor, J. H.	A.M. M. A.M.	Urwick, A. J. Watson, G.	M. M.	Yeovil— Petter, P. W. Storey, J. E.	A.M. M.
Pirie, G. Roberts, G. H. Tatton, A. L.	M. M. A.M.	Workington-		York— Close, J. Dow, J. W.	M. M.
Travis, H. Tripp, G. W.	M. A.M.	Kirk, H. McQuhae, W.	M. G.	Ferrier, S. K. Fleet, E. F.	G. A.M.
Wootton Bridge— Chatfeild Clarke,	L. M.	Muncaster, H. Price, J. Sharp, R.	A.M. M. M.	Fryer, F. G. Hiller, L. Jalland, G.	A.M. G. G.
Abell, C. E. Brettell, J. O.	G. A.M.	Spedding, J. W. Williams, M. V. Williamson, R.	G. М. М.	Page, D. Smeddle, J. H. Turnbull, W. A.	A. M. A.M.

IRELAND.

Aughnacloy— Akerlind, G. F.	A.M.	Doagh— McMeekin, A.	A.M.	Dundalk (cont.)— Denniss, A. W.	A.M.
Ballymoney— Bradshaw, G. T. M.	M.	Dublin— Baird, D. G.	M.	Manisty, E. Williams, D. J.	M. M.
Bantry- Parry, C. W.	A.M.	Blissett, P. T. Challenger, G. R. Coey, R.	A.M. A.M. M.	Enniscorthy— Davis, T. J.	A.M.
Belfast— Andrews, T.	M.	Cronin, R. Cusack, H. E.	M. M.	Larne Harbour- Sutherland, J.	A.M.
Blackburn, A. A. Brown, A. W.	A.M. A.M.	Dent, C. H. Ellis, J. G. St. J.	M. G. A.M.	Limerick— Dutton, C. H.	A.M.
Burke, T. N. Chambers, R. M. Clarke, T.	M. A.M.	Fleischer, P. Fradley, H. T. Geoghegan, S.	A.M. M.	Gadd, W. Lee, R. J.	M. M.
Cuming, G. Davidson, J. S.	M. M.	Hignett, A. H. Hogg, W.	M. G.	Lee, S. E. Monaghan, T. J.	M. G.
Davidson, S. C. Dobson, A. Elliott, G.	M. M. M.	Holliday, J. Hutchinson, G. V. V.	M. G. M.	Moate— Goodbody, R.	M.
Evans, W. Ferguson, W. D. FitzGerald, Prof. M	A.M. M.	Jameson, G. Kennan, W. T. Kettle, L. J. Ledwick, G., Jun.	A.M. G.	Monkstown— Walpole, T.	M.
Grant, D. J. Grant, W. Hurst, C. B.	A.M. A.M. A.M.	Lilly, W. E. MacGarvey, H. Maunsell, R. E. L.	M. M. M.	Mullingar— Thorpe, C. W.	A.M.
Littlejohn, W. A. MacColl, H. Malcolm, B.	(f. M. M.	Meenan, G. B. Miller, J. Monks, P. J.	A.M. A.M. G.	Newry- Hardy, W.	A.M.
Moffat, W. G. Moore, T. L. Nicholson, H. P.	A.M. M.	Morgan, E. G. Pearson, W. Pigot, T. F.	A.M. G. M.	Newtownards— Watters, T. C.	A.M.
Pirrie, The Right H Lord Pratten, W. J.		Prideaux, F. G. Ridgway, G. Robertson, W. D.	A.M. A.M. A.M.	Portadown— Edwards, J. G. B.	A.M.
Reeves, W. Reynolds, W. F. Travers, E. J.	M. M.	Ross, W. Ryan, Dr. J. Spence, A. W.	M. M. M.	Queenstown— Kitchin, W. A. Mills, Capt. J. J.	A.M. A.M.
Wilson, A. B. Wolff, G. W. Worth, H. N.	M. M. G.	Sutcliffe, L. Wakefield, W. Walthew, J. G.	A.M. M. A.M.	Raheny— Cairnes, F. E.	M.
Yeames, J. L. Cork—	A.M.	Waring, H. Warren, F. F. Wayte, H.	A.M. M. A.M.	Rathdrum— Comerford, E.	A.M.
Fearnley, G. W. Gray, G. M. McBride, J. S.	A.M. M. A.M.	Wayte, J. B. Winekworth, T. E.	A.M.	Stranorlar— Livesey, R. M.	M.
Merrick, R. Price, J. Pulvertaft, R. G.	М. М. А.М.	Dundalk— Bigger, C. Chifford, C.	A.M. M.	Waterford— Tooms, J. G.	A.M.

SCOTLAND.

Aberdeen-		Edinburgh-		Glasgow (cont.)-	
Bell, J. A.	M.	Adams, P. W.	A.M.	Donaldson, J. A.	A.M.
Coutts, D. A.	A.M.	Aitken, J.	G.	Dowling, W.	G.
Ewen, J. T.	М.	Andrews, F. E.	A.M.	Drummond, G. W.	M.
Forbes, D. M.	M.	Beare, Prof. T. H.	M.	Dudin, H. W.	M.
Groundwater, A.		Clark, T. A.	M.	Frazer, J. P.	A.M.
Hislop, D. B.	A.M.	Clarkson, C.	M.	Fulton, N. O.	M.
Jackson, W.	M.	Colam, W. N.	M.	Gaze, E. H. J.	M.
Mitchell, G.	A.M.	Crawford, G. W.	M.	Gibson, G. H.	A.M.
Mowat, T.	M.	Gibbons, W. G.	M.	Grant, T. M.	M.
Nicol, R. G.	M.	Gray, J.	M.	Hall-Brown, E.	M.
Robertson, D.	M.	Guest, E.G.	Α.	Hamilton, W. D.	M.
Shinnie, P. N.	A.M. M.	Gulliver, G. H.	A.M.	Harman, F. B. B.	G.
Stormont, P. C. Thomson, J. W.	A.M.	Guthrie, T.	A.M.	Henderson, R.	A.M.
rhomson, s. w.	A.M.	Horne, A. R.	A.M.	Holloway, J.	A.M.
Airdrie-		Lumsden, T. T. M.	M.	Jacks, T. W. M. Jackson, H. D.	M.
Barclay, A. W.	M.	McGregor, J.	A.M.	Jackson, H. D.	M.
Barman, H. D. D.	M.	Purves, W. T.	A.M.	Jockel, L. M.	G.
Chisholm, J.	A.M.	Shearer, W.	A.M.	Johnson, A.	M.
Finlayson, F.	M.	Smith, J. W.	A.M.	Jones, J. W. L.	A.M.
		Stanfield, Prof. R.	M.	Kerr, N.	A.M.
Alloa—		Stevenson, D. A.	M.	Kirby, E. J.	A.M.
Roberts, R. J.	G.	Sutherland, D.	A.M.	Knox, R.	A.M.
		Taylor, J. T.	A.M.	Lackie, W. W.	М.
Arbroath-		Taylor, W. A. T.	G.	Laird, S. M.	A.M.
Fraser, P.	M.	Thomson, G.	M.	Lang, R.	М.
		Waite, W. V. Wight, J. T.	A.M.	Lemkes, C. R. L.	T CA.
Ayr—		Wight, J. 1.	G.	Longbottom, Prof.	J. G.
Marshall, R.	A.M.	Errol-		Taniman A C	M.
Sommerville, A.	A.M.	Moody-Stuart, A.	A.M.	Lorimer, A. S.	A.M.
Bo'ness-		Morton, T. M. G.	M.	MacBrayne, L.	A.
Wilson, J.	A.M.			Macdonald, F. C.	M.
Wilson, 9.	A.M.	Fraserburgh-		Macdonald, J. MacKie, W. A.	M. M.
Carron-		Bing, H.	М.	MacQueen, J.	M.
Hamilton, T. F.	A.M.	Gartsherrie-		McIntyre, J. H. A.	M.
,			M.	McNeil, J.	M.
Coatbridge-		Strathern, A. G.	MI.	Mellanby. Prof. A.	
McGregor, J.	A.M.	Glasgow-		Menzies, J.	M.
Smith, J.	M.	Aitken, H. W.	M.	Millar, J.	M.
		Allan, A. B.	A.M.	Millar, T.	M.
Currie—		Alley, S. E.	M.	Millar, W. P.	A.M.
Robb, J.	A.M.	Arnold, A. A.	A.M.	Morley, T. B.	A.M.
Dumhautan		Arnold, A. A. Arnot, W.	M.	Morton, D. H.	M.
Dumbarton-	A 78.F	Arrol, Sir W.	M.	Motion, R.	M.
Brown, J. P.	A.M.	Aspin, J.	A.M.	Mowbray, A. H.	A.M.
Paul, M.	M.	Aspin, J. Bain, W. N.	M.	Munro, R. D.	M.
Dumfries-		Barnes, C.	M.	Neilson, R. M.	M.
Wells, G. J.	M.	Barr, Prof. A.	M.	Nesbitt, A. W.	M.
_		Baxter, G. H.	M.	Nesbitt, E. A.	A.M.
Dundee-		Baxter, P. M.	M.	Ness, G.	M.
Anderson, J. K.	A.M.	Beale, S. R.	A.M.	Pettit, H. C.	G.
Berry, T. David, G. C.	A.M.	Beardmore, W. Biles, Prof. J. H.	M .	Pickering, J.	М.
David, G. C.	A.M.	Biles, Prof. J. H.	M .	Preston, F. K.	M.
Douglas, G. C.	M.	Boyd, J. W.	M.	Reid, A. T.	M
Fyffe, A. M.	A.M.	Briggs, E. R.	M.	Reid, H.	M.
Greig, J. S.	M.	Brooks, G.	A.M.	Reid, J.	M.
King, B. T. L.	G.	Browning, G.	A.M.	Richardson, J. S.	M.
Lindsay, R.	M.	Bulwer, E. H. E.	M.	Richmond, J. R.	M. M.
Lindsay, W. R.	M.	Cartmell, J. M.	A.M.	Rogerson, T. B.	M.
Low, W.	M.	Clarkson, J.	M.	Ross, J. R.	A.M.
MacDonald, D. J.	M. G.	Cochrane, J. Cotton, C. C. C.	M. M.	Royds, R.	A.M.
MacDonald, W. R.	A.M.		M.	Scott, R. Sells, M. P.	G.
McGregor, W. McNicoll, W.	A.M.	Couper, S. Cowie, J. R.	G.	Semple, R.	A.M.
	G.	Crawford, J. F.	A.M.	Shanks, W.	M.
Murray, D. J. Orr, C. R.	M.	Davidson, R. R.	A.M.	Sharp, J.	M.
Parsons, T. G.	A.M.	Davie, J. P.	A.M.	Sharp, J. H.	M.
Richardson, H.	M.	Davison, R.	M.	Sharp, W.	A.M.
Sturrock, J. F.	A.M.	Dixon, J.	A.M.	Spence, W. L.	M
Thompson, J. H.	M.	Dixon, W.	M.	Stewart, G.	M.
and any or all		,		,	

Glasgow (cont.)— Stewart, J. Thomson, A. M. Thomson, J. Tullis, D. K. Turnbull, A. Turnbull, W. L. Urie, W. M.	M. A.M. M. M. M. M. M. M. A.M.	Kirkealdy— Douglas, C. E. Grant, L. Kirn— Gray, A. C. Larbert— Frost, G. H.	М. М. А.М.	Palsley (cont.)— McGee, W. McLachlan, J. Parkinson, C. F. Parlane, W. Tannett, J. C. Walmsley, J. Wilson, R. W.	M. M. M. M. M. M.
Watson, J. Weir, W. Wilson, W. H.	M. M.	Ledaig — McDonald, N.	A.M.	Peebles— Jones, C. H.	A.M.
Yarrow, A. F. Yarrow, H. E. Young, J. D.	M. G. A.	Levenhall— Diek, J. N. Maybole—	M.	Perth— Henderson, H. R. Pullar, A. E.	G.
Young, J. G. Young, T.	G. M.	Don, J.	A.M.	Renfrew-	
Greenock- Blake, M.	M.	Mid-Calder— Bryson, J.	M.	Brown, W. Lobnitz, F. McLaren, R. A.	M. M. M.
Graham, W. MacLean, A. S. Smart, R. H.	M. M. M.	Millport— Smart, L. S.	M.	Young, W. A. Rosyth—	М.
Inverness— Corbett, A. J.	м.	Motherwell— Jack, A. Mackenzie, T. B.	M. M.	Anderson, A. L. Crocker, E. G. Plant, D. T.	A.M. A.M. A.M.
Drummond, P. Smith, D.	M. A.M.	Newburgh— White, D. H.	A.M.	Ruthwell— Heriot, C. A. M.	· G.
Kilmarnock-	Α.	Paisley— Bow, W. Campbell, W. W.	M. M.	Stevenston— Currie, G. M.	M.
Dunn, H. S. Kennedy, T.	M. M.	Cave, W. H. Cooper, E. L.	A.M. M.	Stirling— Papworth, J. W.	A.M.
Manson, J. Watson, J.	M. A.M.	Croll, J. Drewitt, W. H. Glen, D.	A.M. A.M. A.M.	Thorntonhall— Herriot, W. S.	M.
Kinlochleven- Box, W. L.	A.M.	Hislop, G. R., Jun. Macklin, E. L.	A.M. A.M.	Wishaw— Steele, J.	M.

WALES.

Aberdare-		Cardiff—		Cardiff (cont.)-	
Harliss, W. L.	G.	Abraham, G.	A.M.	Jordan, C. W.	A.M.
Lewis, Sir W. T.	M.	Baskerville, W. S.	A.M.	Jordan, E.	M.
Treharne, G. A.	M.	Bush, A. G.	A.M.	Kemp, H. J.	A.M.
		Cambridge, H.	M.	Knight, S. Y.	A.M.
Abergavenny-		Cameron, J.	M.	Leggat, J.	A.M.
Whitehead, A. O.	G.	Chamen, W. A.	M.	Lewis, W. T. W.	G.
2		Chivers, S.	M.	Lloyd, C. G.	G.
Bangor-		Clark, R. G.	A.M.	Madden, H. D.	A.M.
Pritchard, W. E.	A.M.	Crow, L.	A.M.	Marquand, A. J.	M.
		Cryer, A.	M.	Mills, A. E.	A.M.
Barry-		Dawson, E.	M.	Monroe, R.	M.
Newman, C. W. D.	A.M.	Dobbs, H. T.	A.M.	Mowll, H. S.	A.M.
		Edwards, H. F.	M.	Pasquier, A. E. du	A.M.
Beaufort-		Elborne, E. M.	G.	Patterson, A.	M.
Hodson, F.	G.	Elliott, Dr. A. C.	M.	Powell, W. H. H.	A.M.
		Ellis, A.	M.	Reed, T. A.	M.
Blackpyl-		Evans, D. L.	M.	Reese, A. K.	M.
Wright, J. R.	M.	Flindt, E. J.	M.	Reynolds, B.	A.M.
		Gall, A.	M.	Riches, T. H.	M.
Burry Port-		Gould, H. T.	A.M.	Roberts, D. E.	M
Eager, J.	M.	Hallett, J. H.	M.	Schontheil, T.	M.
		Hart, H. A.	A.M.	Scott, W. A.	M.
Bwlch-		Haslam, S. B.	A.M.	Sibbering, G. T.	M.
Ashworth, H.	M.	Heald, J. A.	M.	Stevenson, G. M.	M.
		Hick, C.	A.M.	Swan, E. M.	A.M.
Caerleon-		Hill, T.	A.M.	Thomas, N. S.	A.M.
Richards, E. W.	M.	Hosgood, O. S.	M.	Vyvyan-Robinson,	
		Hubback, C. A.	M.	C. A.	G.
Caerphilly-		Hughes, F.	(ì.	Wayne-Morgan, J.	A.M.
Riches, C. T. H.	M.	Jones, F.	A.M.	Wolstenholme, W.	A.M.

Cardiff (cont.)— Woodward, A. Yates, A. T.	A.M. A.M.	Llanelly (cont.)— Thomas, E. G. A.M. Thomas, R. B. M.	Port Talbot— Cleaver, W. A.M. Deer, G. G. A.M.
Cardigan— Matthews, W. E.	A.M.	Mold— Buddicom, H. W. M.	Hertz, A. H. M. Roberts, H. J. A.M.
Carmarthen— Isaac, G. B.	A.M.	Newport, Mon.— Green, E. W. G. Ingram, A. H. A.M.	Queen's Ferry— Smith, I. H. A.M.
Carnarvon- Hayes, J.	м. °	Moore, R. C. G. Pattinson, J. M. Pearson, T. W. M.	Rhos-on-Sea, N. Wales- Wood, S. A.M.
Clydach, Glam.— Edleston, A. E.	A.M.	Phillips, C. D. M. Powell, W. H. A.M. Stevens, A. J. M.	Rhyl— Price, J. B. M.
Dowlais— Evans, J. Martin, E. P. Robson, G.	M. M. A.M.	Whitehouse, W. H. G. Penarth— Deacon, R. D. A.M.	Ruabon— Berkeley, T. D. Cunliffe, W. W. Haswell, J. F. A.M. G. G.
Ebbw Vale— Mills, F.	M.	Guy, H. L. Heywood, T. E. H. King, T. S. Williams, D. T. Wrightson, W. P. M.	Swansea— Blake, A. W. Davies, W. D. A.M.
Holyhead— Thomas, H. B.	A.M.	Pontypridd—	Dayson, W. O. Drury, H. J. H. Gibson, H. F. H. G.
Landore— Butler, J.	M.	Bennett-Powell, P. G. G. Davison, J. W. M. Holland, H. N. A.M.	Higgs, W. G. A.M. Molyneux, J. A.M. Morgan, F. J. A.M.
Llandudno- Farrington, C. F.	A.M.	Swain, E. H. A.M. Thomas, A. L. A.M.	Noot, W. W. Peel, C. E. Player, J. M. A.M. M.
Llanelly— Burn, A. J. H.	м.	Pritchard, H. M.	Prüsmann, C. A. L. A.M. Wilkinson, G. S. G.
Griffiths, R. S. Rees, W. J. Stevenson, J. J.	G. М. М.	Fortmadoe— Isaac, R. M. Jones, H. O. G.	Wrexham— Pickvance, W. G. A.M.

CHANNEL ISLANDS.

Les Amballes, Guernsey— Lakin-Smith, C. A.M.

NAVAL ENGINEERS,

ON FOREIGN SERVICE (EXCLUSIVE OF THOSE AT HOME).

Ball, Eng. Comm. R. H. C.	M.	Michell, Eng. Lt. W. H	Tompki	ns, Eng. Comm. M.
Cooke, Eng. Lt.		foore, Eng. Lt. W. L.	Veen, E	
	A.M.		M. V. A.	A. ter M.
Curgenven, Eng. Lt.	1	Nicholson, Eng. Lt.	Venning	g, Eng. Lt. A. J.
L. W.	M.		M.	A.M.
Fendick, Eng. Lt.	F	affett, Eng. Lt. W. F.	Venning	g, Eng. Lt. T. A.
W.R.	A.M.		G.	A.M.
Gordon, Eng. Lt.	S	t. Legier, Eng. Lt.		
H. H.	.M.	A. S. de A	M.	

FOREIGN COUNTRIES.

AFRICA.

ALGERIA-		Naauwpoort-		Cairo (cont.)-	
Algiers—	M.	Duncan, W.	M.	Oakes, Sir R. L.	M.
Griffith, T. H.	III.	Port Elizabeth— Allison, O.	M.	Peacock, J. A. W.	A.M. M.
BRIT. EAST AFRICA	-	Berry, J. F.	M.	Sibbald, T. K.	M.
Kilifi-	_	Mangold, C. A.	A.M.	Smith, T. H. Spencer, H. B.	A.M. M.
Chivell, W. R.	G.	Salt River—	n.r	Sturgeon, H. C.	A.M.
Mombasa-		Anderson, P.	M.	Wells, S. H. Western, H.	A.M. A.M.
Bremner, B. L. Hirtzel, C. H. A.	G. A.M.	Grose, F. H.	A.M.	Embabeh-	
Sandiford, C.	M.	Sydney-		George, W. C.	A.M.
Nairobi-		Hodgetts, G. W.	A.M.	Khartoum-	4.35
Cook, J.	M.	Uitenhage-	2.5	Claxton, H. Hill, Eng. Lt. W. S.	A.M. M.
CANARY ISLANDS-		Child, H. S. Malloch, W. F.	M. M.	Rhodes, S. C.	A.M.
Las Palmas—		Thornton, H. R.	M.	Saver, S. Williams, J. E.	A.M.
Barba, A. G.	A.M.	Watson, A. G.	A.M.	Luxor-	
CAPE COLONY-		EGYPT-		Maudslay, J.	A.M.
Bedford-		Alexandria-	3.5	Port Said-	1.75
Smyth, R. H.	A.M.	Alderson, C. A. H. Alderson, G. A.	M. M.	Creagh, E. R. A.	A.M.
Britstown-		Alderson, G. B.	M.	Stenning, H. W.	A.M.
Ingham, W.	M.	Allen, F. Andreadis, A. I.	M. G.	Tantah-	
Cala— McColl, H.	M.	Blagden, H. R. C.	M.	Black, G. L.	A.M.
Cape Town-		Davson, S. S. Elsworth, J. F.	A.M. M.	Hymeneos, J. D. Langton, J. M. E.	A.M.
Beatty, H. M.	M.	Kypriadis, M.	G.	Zagazig-	
Cochrane, J. Cooper, H. C.	A.M.	Macaulay, M. S. Marr, W. K.	A.M.	Peacock, J. B.	G.
Denham, J.	M.	Taylor, F. C.	A.M.	MADEIRA-	4.35
Denham, J. Gearing, H. C. Gibbs, J. H.	A.M. M.	Tennant, A. M.	A.M.	Maclean, J. B.	A.M.
Hollingsworth, F.	G.	Assiout— Zohny, A. S.	G.	MAURITIUS-	
Perry, T. W. W.	A.M. M.	Assuan—	u.	Port Louis— Dykes, A. J.	M.
Pickering, F. Smith, W. H. Tanfield, R.	M.	Hazzi, J. A.	G.	Macmillan, H.	M.
	A.M.	Atbara-		Turney, F.	A.M.
Claremont— Read, C. M.	A.M.	Fawkes, R. E. F.	A.M.	NATAL-	
De Aar-	2.11.	Longfield, Capt.W. Beni-Suef—	Es. M.	Durban- Gray, J. W.	A.M.
Bishop, W. G.	М.	Rushdy, A.	G.	Hogg, J. T. Mace, F. R.	A.M.
MacNay, A.	M.	Bir-Hooker-		Mace, F. R. Milne, W.	A.M. M
East London— Reid, F.	A.M.	Paterson, W.	A.M.	Robinson, J. J.	M.
Sundama C F	A.M.	Cairo-	N.F.	Short, A. Titren, G. E. de K.	M. A.M.
Wedge, F. H.	M. A.M.	Austin, J. M. Bain, G.	M. M.		Zh.ill.
Westley, A. W. Grahamstown—	22.41.	Rulear A	A.M.	Pietermaritzburg- Cooper, G. S. H.	A.M.
Morrison, F. T.	M.	Colley, R. W. Davis, H. W. Fletcher, W. C. Flower, C. J.	(i. M.	Quince, W. J.	M.
Morrison, F. T. Newman, R. W.	M.	Fletcher, W. C.	M. A.M.	Stobie, G. Watt. W., Jun.	M. G.
Parker, J. E.	M.	Cibbons, J. W.	A.M.	White, E. B.	A.M.
Kalk Bay— Hambly, J.	M.	Grant-Morris, W.	H.	Port Natal-	135
Kimberley-		Grindley, Dr. J. H	A.M. . M.	Shed well, L. H. A. Thomson, G.	A.M.
Berry, W.	A.M.	Hugins, C. F.	A.M.	ORANGE RIVER COI	
Coleridge, H. H. Lea, J. A.	A.M.	Mansfield, F. Mansfield, O.	A.M. A.M.	Bloemfontein-	20111
Maclennan, H. V.	A.M.	Moubayed, G. M.	G.	Johnson, M. C.	G.
Simpson, H.	A.M.	Norris, A. E. F.	M.	Oakden, R. B.	A.M.

Koffyfontein-		Johannesburg (cont.)—	Krugersdorp-	
Hudson, G.	A.M.	Bartley, B. C.	A.M.	Begbie, T., Jun.	A.M.
Vnconstad		Behr, H. C.	M.	Ritchie, A. M.	A.M.
Kroonstad-	79.65	Briggs, H.	M.		
Hearn, C. H.	M.	Britten, T. J.	M.	Maraisburg—	
Tempe-		Burden, A. G.	A.M.	Clayden, H. W.	A.M.
Platt, Lieut. R. E.	A.M.	Cannon, R.	A.M.		
	22.202.		A.M.	Middelburg-	
Viljoen's Drift—		Cleghorne, W.S.H.	M.	Begbie, T., Sen.	M.
Stigant, G. A.	A.M.	Cowell, J. R.		Begbie, W.	A.M.
		Cruddas, W. J.	A.M.	Mackintosh, R. D.	A.M.
RHODESIA-		Daintree, T. E.	M.		
Bulawayo-		Davies, J. H.	M.	Nylstroom-	
	M.	Davis, C. R. S.	A.M.	Prance, C. R.	A.M.
Fletcher, H. C.		Dowson, R. M.	A.M.		
Jeffreys, R. R. V.	A.M.	Fowler, P. M.	M.	Pilgrims Rest—	
Johnson, G.	A.M.	Frerichs, J. A.	A.M.	Ironside, P. H.	G.
Uttley, E. A.	A.M.	Furnivall, W. H. G.	A.M.		
Weston, R. O.	A.M.	Goffe, E.	A.M.	Premier Mine-	
Golden Valley-		Hosken, R.	M.	Pack, A. E.	M.
Begbie, S. S.	A.M.	Johns, J. H.	M.	79 16 4 1	
Epton, W. M.	M.	Johnson, H. H.	A.M.	Randfontein-	~
Epton, W. H.	III.	Laity, H. T.	A.M.	Fry, F. E.	G.
Insiza—		Leitch, D. C.	M.	Gavey, A.	A.M.
Groves, M.	A.M.	Macdonald, J. R.	A.M.	Tracy, H. W.	A.M.
		MacGregor, J., Jun.	A.M.		
Salisbury—			M.	WEST COAST-	
Furness, R. L.	A.M.	McLaren, W. A.			
Hardcastle, E.	M.	Michael, H.	A.M.	Accra-	4.75
Houseman, C. L.	M.	Middleton, H. H.	M.	Pettit, C. W.	A.M.
Warton, R. G. F.	A.M.	Miller, H. W.	M.	Calabar-	
Umtali-		Mills, J. A.	A.M.	Alden T W	A 70/E
	745	Newman, A. D.	A.M.	Alder, J. F.	A.M.
Hosgood, W. J.	M.	Orr, Prof. J.	M.	Molineux, C. R. N.	M.
Methuen, J. A.	A.M.	Pittar, A. V.	A.M.	Freetown-	
Seager, F. P.	A.M.	Pollard, F. J.	A.M.		n.r
		Prevôst, A. T.	A.M.	Barker, E. G.	A.M.
TRANSVAAL-		Prevôst, H. A.	G.	Espeut, R. W. A.	A.M.
Boksburg-		Reunert, T.	M.	Lagos-	
Palmer, H. B., Jun.	A.M.	Smith, S.	M.	Anson, J. A.	A.M.
		Smyth, G. M.	M.	Bellamy, C. V.	M.
East Rand—	. 75	Snow, W. R.	A.M.	Bonell, T. H. M.	M.
Hathorn, J. C. M.	A.M.	Stokes, F. T.	A.M.	Errotta W Inn	A.M.
Thorpe, H. T. E.	G.	Stowe, G. S.	M.	Evetts, W., Jun.	
Florida-		Sturrock, F. C.	A.M.	Hewson, C. L. B.	A.M.
Sproule, G. H. R.	A.M.	Templer, H. L.	M.	Holmes, R. B. W.	A.M.
oprouie, G. II. II.	Zi.III.	Tomkins, J. A.	A.M.	Lumley, G.	M.
Germiston-			M.	Smith, E. T.	A.M.
Dutton, F. H.	A.M.	Vaughan, J. A.		Walton, G. L.	M.
		Whitmee, H. B.	A.M.	Coloradi	
Johannesburg-	1 75	Wilson, L. H.	A.M.	Sekondi-	4.75
Adams, S. R.	A.M.	Wimbush, H. L.	A.M.	McJerrow, T.	A.M.
Andrews, G. S. B.	M.	Wright, F. C.	A.M.	Robinson, J. D.	M.

AMERICA (CENTRAL).

BRITISH HONDU	RAS—	Guerrero-	25	Monterey-	3.5
Belize-		Bromly, A. H.	M.	Conway, G. R. G.	M.
Auld, J. P.	M.	Mexico City—		Puebla-	
MENTO		Bennett, P. M.	A.M.	Cooper, V.	A.M.
MEXICO-		Blackmore, W. R. Carter, H. F.	G. M.	Di	
Altata—		Gelling, J. W.	M.	Rincon Antonio—	0
Steel, T. J.	A.M.	Russell, F. W.	M.	Aston, R. G.	G.
Durango-		Ward, A. M.	A.M.	Zacatecas-	M.
Newill, G. E.	A.M.	Williams, A.	M.	Wicks, G. H.	

NICARAGUA— Chichigalpa— Forsyth, W.	A.M.	Cuba— Binner, J. W. A. Keyworth, T. E. Knight, W. E.	A.M. M. M.	Jamaica— Aitken, R. R. Brown, Major F.	A.M. M.
WEST INDIES— Antigua— Dew, J. T.	A.M.	Mayne, J. G. Thornton, C. J.	A.M. M.	Porto Rico— Graham, R. Thomson, D. L.	M. A.M.
Foote, T. D. Barbados— Simpson, D. G. Simpson, N. de L.	G. A.M. A.M.	Grenada— McQueen, J. C.	M.	Trinidad— May, T. A. P. Peet, J. Willans, C. T.	A.M. M. A.M.

AMERICA (NORTH).

BRIT. N. AMERICA-	-	St. Catharine's, On		Hawthorne, Ill	
British Columbia—		Smith, H.	A.M.	Spurling, O. C.	M.
Baker, D. W.	A.M.	St Thomas Ont		Little Deants Head	
Brockley, C. W.	A.M.	St. Thomas, Ont.— Hill, A. G.	A.M.	Little Boar's Head- Jaques, Capt. W. H	
Bulkeley, G. V. O. Covil, R. P.	G.	IIII, A. G.	A.H.	Jaques, Capt. W. n	. 111.
Croft, H.	M.	Toronto-		Long Island City-	
Crofts, J. C. T.	M.	Alexander, J. F.	A.M.	Manton, A. W.	M.
Mathieson, W.	A.M.	Dowson, E. C. H.	A.M.		-
Newman, R. B.	G.	Martin, H. C. R.	G.	Los Angeles—	
Ormsby, E. S.	M.			Chaffey, G.	M.
Rose, S. D.	A.M.	Welland-		McClure, J. R.	A.M.
Stern, S. L.	. G.	Spencer, J. A. B.	M.	Probert, E.	A.M.
Walkem, G. A.	A.M.	****			
Woods, H.	A.M.	Winnipeg-		Marshalltown, Ia	-
Calmany Albanta		Burchall, W. B.	A.M.	Wolff, C.	A.M.
Calgary, Alberta-	A 3.5	Lake, H. B.	A.M.	NF. 111	
Wilson, D. E.	A.M.	Sherwin, J. W.	A.M.	Massillon-	
Cochrane, Ont				Hartley, T. W.	A.M.
Holden, C.	A.M.	UNITED STATES-			
Robinson, E. M.	M.	_		Meadville-	
		Boston-		Poignand, F. N.	A.M.
Edmonton, Alberta-		Butcher, J. J.	М.		
Osburn, G. V.	A.M.	Watson, J. C.	A.M.	Middlesbrough-	
Halifax, N.S		Duidmanant		Bartlett, J. H.	M.
Rodd, Capt. W. J. P.	A.M.	Bridgeport-	35		
		House, H. A., Jun.	M.	Milwaukee-	
Hamilton-		Buffalo, N.Y		Atkinson, C. J.	A.M.
Ford-Smith, P.	A.M.	Roberts, W. S.	G.	McDonald, W.	A.M.
Montreal-		Atolicits, II. D.	G.		
Beck, J.	A.M.	Cambridge-		New York—	
Felton, G. J.	(i.	Leavitt, E. D.	M.	Booth, J. L.	A.M.
Fraser, T. C.	(i.	2000110012121	ana.	Bulkley, H. W.	M.
Gibbons, N. B.	A.M.	Chestnut Hill—		Clark, L. K.	A.M.
Johnson, L. R.	M.	Ramsbottom, J. G.	M.	Florey, J. W.	(i.
Redpath, F. R.	M.	, , ,		Hart, F.	M.
Swan, A. D.	M.	Chicago-		Herschmann, A. J.	M.
Vaughan, H. H.	M.	Hunt, R. W.	M.	Kilgour, M. H.	M.
Wallis, H.	M.	Ward, J. C.	A.M.	Leeds, E. L. Loud, H. S.	A.M.
Withers, J.	A.M.	Widdicombe, R. A.	A.M.	Megirian, J. J.	M. G.
Niagara Falls-		61		Powell, C. S.	A.M.
Hebden, G. B.	G.	Cleveland-		Rogers, E. N. C.	A.M.
	200	Clegg, R. L.	A.M.	Rosenberg, H. M.	A.M.
Ottawa-	3.0	Parry-Jones, R.	M.	Thornton, A. F.	G.
Cleave, A. H. W.	M.	Swasey, A.	M.	,	-
Petawawa-		Detroit-		Palo Alto-	
Tyrrell, Capt. W. G.	G.	Meadows, A.	G.	Eckart, W. R., Jun.	A.M.
Port Daniel -			u.		- 40 004
Carolin, E. M.	M.	Hartford, Conn		Paterson, N.J	
Hamilton, H. E. R.	G.	London, W. J. A.	A.M.	Berry, A. O.	A.M.

Providence— Mather, W. P. Mawson, R.	M. A.M.	Springfield, Mass.—Cave, H.	A.M.	Worcester— Morgan, C. H.	M.
San Francisco— Eckart, W. B.	М.	Springfield, Vt.— Hartness, J. Vermont—	M.	HAWAII— Williams, J. N. S.	M.
Whyte, J. B.	A.M.	Sandaljian, B.	A.M.		

AMERICA (SOUTH).

ARGENTINE REP	-	Pergamino-		Concepcion-	
Bahia Blanca—		Davis, F.	A.M.	Edwards, J.	A.M.
Anthony, C., Jun. Kyle, R. A.	A.M.	Trenque Lauquen-	A 75.5	Hodgson-Stevens, A. R.	·A.M.
-	A.M.	Marty, F.	A.M.	Iquique-	·A.M.
Arteaga, A. de	M.	Tucuman— Moffat, D.	A.M.	Ambler, R. V.	M.
Bow, J.	A.M.		2214021	Beven, A. N.	M.
Bressey, S. F.	G.	BOLIVIA—		Nicholls, J. M.	M.
Buck, J. H. E.	A.M.	Camargo —	71.5	Vallat, H. H.	A.M.
Calastremė, J. C.	M. A.M.	Smith, J. F.	М.	Los Andes— Haywood, A. R.	A.M.
Carosio, G. Cassels, F. L.	G.	BRAZIL—		-	A.M.
Cobbald, T. E.	G.	Bahia-		Santiago— McKerlie, J.	A TAT
Durnford, T. J.	A.M.	Lacerda, A. C. de	M.		A.M.
Fernandez, R.	A.M. M.	Campinas—	M	Taltal—	A.M.
Fuller, C. F. Garrett, E.	A.M.	Stevenson, C. W.	M.	Elliott, S. H.	A.11.
Gee, T. J.	M.	Morro Velho— Davies, J. E.	G.	Tocopilla—	A TAT
Gibbons, W. F.	M.	Hawkins, T. S.	A.M.	Lee, W. H.	A.M.
Goddard, W. H.	A.M.	Hodge, J.	A.M.	Valparaiso—	3.5
Grant, P. Greaven, A. A.	M. M.	Para-		Beaver, J. R. Budge, E.	M. M.
Greaven, L.	M.	Nicoll, H. H.	M.	Clarkson, W. A.	A.M.
Hamilton, A. G.	A.M.	Pernambuco-	4.75	Clarkson, W. A. Cliff, T. P. B.	A.M.
Haymes, C.	A.M.	Anderson, J. Cardozo, F. C. de 1	A.M. I. M.	Ferguson, J. H.	G.
Henry, H. D. Hicken, T.	M. M.	Chalmers, J.	M.	Morrison, W. L. Slight, G. H.	M. M.
Humphreys, H. H.		Chivers, F. E.	A.M.	Blight, G. H.	ш.
Ievers, E. F.	M.	Hamilton, G. J.	A.M.	COLOMBIA-	
Jackson, R. M.	A.M.	Johnson, E.	A.M.	Cali-	
Lagrange, F. A.	A.M. M.	Jones, G. R. W.	A.M.	Warren, W.	M.
Lander, P. V. MacKinnon, A.	G.	Mattos, A. G. de	G.	Giradot—	
McReddie, C. E. B.	M.	Petiz, J. A.	M.	O'Reilly, F. J.	A.M.
Pinsent, S. H. Roscoe, E. B.	A.M.	Sutton, M.	M.	PERU-	
Roscoe, E. B.	A.M. A.M.	Whichello, R.	G.	Arequipa-	
Saccaggio, P. C. Scholes, W. H.	M.	Santos-	A 3.F	Forga, A.	A.M.
Simpson, L. S.	A.M.	Harling, W.	A.M.	Callao-	
Tenney, D.	A.M.	São Paulo—	7.5	Hair, C. L.	M.
Walker, H. E.	M.	Goodier, F.	M. A.M.	Hird, R. T.	A.M.
Walker, J. B. Wood, T. R.	A.M. M.	McIntyre, C. Sheldon, W. J.	M.	White, W. A.	A.M.
York, F. C.	M.		202.	Lima— Lawes, G. E.	M.
Cordoba-		Uruguayana— Ambler, F.	M.	Powell, H. J. B.	A.M.
Roose, F. O. J.	A.M.				
Dolores, B.A		BRIT. GUIANA-		URUGUAY-	
Rayner, H.	G.	Berbice-	M.	Fray Bentos—	A B/E
Entre Rios-		Parratt, W. H.	M.	Dorling, H. N.	A.M.
Coulton, I. B.	A.M.	Gemmel, J. W.	A.M.	Monte Video— Halstead, J. H.	M.
Lyons, R. E. B.	A.M.	Little, C. H.	A.M.	Penarol—	222.
Junin-		Lloyd, R.	M.	Marty, E.	A.M.
Fraser, S. R. C.	G.	Maggs, C. J.	A.M. A.M.		
Langdon, D. E.	G.	Parratt, H. E.	A.M.	VENEZUELA—	
Mendoza-	ABE	CHILE—		Aroa-	A TAT
Dawbarn, R. P.	A.M.	Antofagasta-	7.5	Langdon, H. A. W.	A.M.
Parana-	C	Buttle, D. C. Robarts, H. P.	M. A.M.	Caracas— Almond, H. J.	M.
Willats, A. M.	G.	Tobalts, II. I.	23,022,0	AAAAAAAAAA AAA VI	

ASIA.

		Chanal (and)		Bombor (cont)	
ARABIA—		Shanghai (cont.)—	4 35	Bombay (cont.)-	A.M.
Aden-		Tweedie, K. D.	A.M.	Baker, P. M.	A.M.
Britton, Capt. E. J.	J.	Waight, J.	M.	Barrett, H.	M.
, -	A.M.	Wood, W. C.	M.	Bear, M. M.	M.
		Taku-		Bell, A. M.	G.
BRIT. N. BORNEO-		Gaston, A. B.	M.	Bennett, H. B.	A.M.
			MA.	Bigg-Wither, L.	M.
Jesselton-	ABE	Tientsin-		Carruthers, R.	A.M.
Ashton-Pryke,C.F.	A.DI.	Gilchrist, J. A. R. G.	A.M.	Carter, F.	
v -1		Harland, H. P.	М.	Chandabhoy, S. N.	A. A.
Labuan-	1.75	Knowles, G. S.	A.M.	Christiansen, A. G.	
Ingate, G. J. A.	A.M.	Paton, G.	A.M.	Clayton, J. A.	M.
Roberts, E.	M.	***		Cuny, T.	A.M.
Wigram, A. W.	A.M.	Woosung-		Dadabhoy, C.	M.
Candalzan-		Dunstan, E. J.	M.	Dadabhoy, H. R. Dadina, H. M.	A.M.
Sandakan-	M.			Dadina, H. M.	M.
Johnston, A.	III.	DUTCH E. INDIES-	-	Dame, J. M.	M.
		Celebes-		Davidson, W.	M.
BURMA) Can India		Wright, G. A.	A.M.	Elton, E. F.	A.M.
CEYLON See India.				Forrest, P.	М.
CEILON)		Sambas—		Gahagan, R. H.	A.M.
		Staveley, D. D.	A.M.	Gawthorne, W. A.	M.
CHINA-				Gibson, G. A.	M.
Canton-		INDIA—		Green, C. W. T.	G.
Hill, W. H.	A.M.	Ahmedabad—		Hall, J.	M.
		Divecha, R. N.	M.	Harrison, F.	M.
Hankow-				Hepworth, J. W.	M.
Cockburn, G. W.	A.M.	AJmere—	0	Holl, W. E.	A.M.
Fairley, F.	A.M.	Addis, F. H.	G.	Jeejeebhoy, P. B.	M.
Kwong, Wong.	M.	Alicanh		Johnson, P. H.	A.M.
Palmer, C.	A.M.	Aligarh—	A.M.	Knowles, J.	M,
		Firbank, S.	A.H.	Longley, R. G.	A.M.
Hong Kong-		Allahabad-		Longworth, D.	M.
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Power, R. T. Pyne, F. D. Rickie, J. H. Robertson, H., Jun Walker, J. W. Rawal Pindl— Martin, F. A. Roorkee— McLaren, W. D. Rayner, A. J. Souter-Robertson, Vick, F. H. Rosa— Hadengue, C. B. Saidpur—	M. G. A.M. A.M. A.M. A.M. M. A.M. A.M. A.M.	Hayashi, K. Nagasaki— Ito, K. Osaka— Kikuchi, K. Robertson, H. Takimura, T. Tsurumi, Prof. S. Sagami— Fujii, Eng. Capt.' Tokyo— Brindley, H. S. B. Dan, T. Hiraoka, H. Leevers, F. W. Mano, Prof. B. Matsubara, T. Miyabara, Eng. V	A.M. M. M. M. M. M. M. A.M. M. A.M. M. A.M. M. A.M. M. A.M. M. A.M.	Groves, T. Lawrence, H. P. Mate, W. E. Moraes, H. F. Selangor— Brixey, C. E. W. Forbes, G. C. Gibb, N. Meaden, A. E. Mills, F. Singapore— Adams, F. R. J. Bonstow, T. L. Colledge, A. Coveney, W. C. Garratt, J. H. Gebbie, J.	A.M. A.M. G. A.M. M. G. A.M. M. A.M. A.M
Power, R. T. Pyne, F. D. Rickie, J. H. Robertson, H., Jun Walker, J. W. Rawal Pindl— Martin, F. A. Roorkee— McLaren, W. D. Rayner, A. J. Souter-Robertson, Vick, F. H. Rosa— Hadengue, C. B. Saidpur— Barton, G. B.	M. G. A.M. A.M. A.M. A.M. M. A.M. M.	Hayashi, K. Nagasaki— Ito, K. Osaka— Kikuchi, K. Robertson, H. Takimura, T. Tsurumi, Prof. S. Sagami— Fujii, Eng. Capt. Tokyo— Brindley, H. S. B. Dan, T. Hiraoka, H. Leevers, F. W. Mano, Prof. B. Matsubara, T. Miyabara, Eng. V. Adml. Baron J.	A.M. M. M. M. M. M. M. M. M. A.M. M. A.M. A.M. A.M. A.M. A.M. M. A.M. M. A.M. M. A.M.	Groves, T. Lawrence, H. P. Mate, W. E. Moraes, H. F. Selangor— Brixey, C. E. W. Forbes, G. C. Gibb, N. Meaden, A. E. Mills, F. Singapore— Adams, F. R. J. Bonstow, T. L. Colledge, A. Coveney, W. C. Garratt, J. H. Gebbie, J. Gibson, W.	A.M. A.M. M. G. A.M. M. A.M. A.M. M. M. M. M.
Power, R. T. Pyne, F. D. Rickie, J. H. Robertson, H., Jun Walker, J. W. Rawal Pindl— Martin, F. A. Roorkee— McLaren, W. D. Rayner, A. J. Souter-Robertson, Vick, F. H. Rosa— Hadengue, C. B. Saidpur—	M. G. A.M. A.M. A.M. A.M. M. A.M. A.M. A.M.	Hayashi, K. Nagasaki— Ito, K. Osaka— Kikuchi, K. Robertson, H. Takimura, T. Tsurumi, Prof. S. Sagami— Fujii, Eng. Capt.' Tokyo— Brindley, H. S. B. Dan, T. Hiraoka, H. Leevers, F. W. Mano, Prof. B. Matsubara, T. Miyabara, Eng. V	A.M. M. M. M. M. M. M. A.M. M. A.M. M. A.M. M. A.M. M. A.M. M. A.M.	Groves, T. Lawrence, H. P. Mate, W. E. Moraes, H. F. Selangor— Brixey, C. E. W. Forbes, G. C. Gibb, N. Meaden, A. E. Mills, F. Singapore— Adams, F. R. J. Bonstow, T. L. Colledge, A. Coveney, W. C. Garratt, J. H. Gebbie, J.	A.M. A.M. G. A.M. M. G. A.M. M. A.M. A.M

Singapore (cont.)— Hamilton, R. Kellar, J. D. B. Kennedy, W. Kitching, A.	M. A.M. A.M. M.	Singapore (cont.)— Masterton, W. N. McDonald, W. Niblock, F. Nicholson, J. R.	М. М. М.	Singapore (cont.)— Trowell, W. J. Webster, W. TURKEY-IN-ASIA—	М. М.
Landstein, W. Le Masurier, J. Mackail, J. H.	A.M. A.M. A.M.	Robinson, F. H. Silby, R. P. Sunner, J. H.	A.M. A.M. M.	Smyrna— Issigonis, G. D. Willans, G. H.	A.M. A.M.

AUSTRALASIA.

NEW SOUTH WALE	S-	S. AUSTRALIA-		Perth-	
Aberdeen-		Adelaide-		Akroyd-Stuart, C. 1	H. M.
Benn. W. W. W.	A.M.	Ayers, F. G.	A.M.	Akroyd-Stuart, H.	M.
Granville-		Garvie, D.	A.M.	Broadbent, H. Hawke, G. R. W.	A. M. M.
Irons, T.	M.	Nichols, H. F. Roberts, T.	A.M. M.	Hume, E. S.	M.
Moulamein-	70.6	Shaw, P. C. W.	M.	Leslie, W.	M.
Price, A.	M.	Sutherland, K. W.	A.M.	Mathews, C. J.	M.
Newcastle— Hirst, J.	M.	Wallaroo-		Ravensthorpe-	70.00
Parramatta—	JEE.	Orr, T. J. R.	A.M.	Shepherd, R. L. Subiaco—	М.
Ritchie, J. M.	A.M.	The Care Lavia		Littlejohn, W. J.	A.M.
Sydney-		TASMANIA—		Yarloop-	dhide
Ahrbecker, H. C. V.		Hobart— Ross, E. S.	A.M.	Bird, F. N.	A.M.
Arnot, A. J.	M.		2 k + 22 k + +	Midland Junction-	
Barraelough, Prof. H.	M.	Launceston— Deeble, W. R.	M.	Evans, E. A.	A.M.
Brown, H.	M.		ALL	NEW ZEALAND-	
Brunton, P. G.	M.	Queenstown— Wright, G. W.	M.		
Christie, A.	M.	Wilgin, G. W.	202.	Auckland— Allen, C. C.	A.M.
Cliff, R. C. Conyers, S. W.	A.M. M.	VICTORIA-		Lamb, S. E.	A.M.
Cutler, A. E.	M.	Ballarat-		Powell, F. E.	A.M.
Eggers, H. F. C.	A.M.	Deakin, B. W.	M.	Christehureh-	
Fenwick, J.	M.	Kerr, A. E. C.	M.	Anderson, J.	M. G.
Foster, E. Franki, J. P.	A.M. M.	Footseray-	25	Arrowsmith, B. L. Cull, J. E. L.	A.M.
Garvey, R. G. H.	A.M.	Ferguson, M.	M.	English, R.	A.M.
German, W. H. Grange, R. B.	M.	Melbourne-	3.5	Manning, R. P. M.	A.M.
	M.	Conyers, W. Cook, G. N.	M. G.	Scott, H. Scott, Prof. R. J.	A.M.
Hodgson, G. H. Holroyde, G. E.	A.M. A.M.	Fowler T W.	M.	Dunedin—	M.
Hoskins, G. J.	M.	Fowler, T. W. Fyvie, W.	M.	Burt, T. R.	A.M.
Houghton, T. H.	M.	Grimths, J. A.	M.	Drew, E. H.	A.M.
Howarth, A. M.	M. M.	Griffiths, W. J.	M. M.	Roberts, E.	M.
Howe, H. B. Kidd, H.	M.	Harcourt, O. S. H. Kay, B.	A.M.	Wilson, H.	M.
Laurenson, G. H.	A.M.	Mais, H. C.	M.	Invercargill— Turvey, W. J. W.	A.M.
Lucy, E. E.	M.	Payne, Prof. H.	M.	Karangahake-	A. III.
Macartney, J. Massey, G.	M. M.	Pearce, T. Quirk, W. M. H.	M. M.	Turnbull, J. A.	A.M.
McCredie, A. L.	M.	Roberts, J.	A.M.	Napier-	
Moore F. C.	G.	Schloesser, R.	A.M.	Nelson, L.	G.
Noakes, W. M.	М.	Smith, M. S.	A.M. M.	Nelson-	3.5
Noyes, E. Saunders, A. F.	A.M.	Stewart, A. A. Swinburne, G.	M.	Blechynden, J.	M.
Selfe, N.	M.	Swinburne, W.	M.	Rangatua— Saunders, F. W. T.	A.M.
Sinclair, R.	M.	Moonee Ponds-		Waihi—	A.M.
Thow, W.	M. A.M.	Oxford, R.	A.M.	Gauvain, W. P.	A.M.
Toder, J. Turner, W. W.	A.M.			Waikino-	
Williams, T. D.	M.	W. AUSTRALIA-		Fraser, S. E.	M.
		Brown Hill-	M.	Malyon, F. W.	G.
QUEENSLAND-		Walkeden, G. H.	111.	Wellington-	M.
Brisbane-		Fremantle—	м.	Blair, D. K. Cable, M.	A.M.
Edwards, W. C.	M.	Williams, H. W.	III.	Cachemaille, E. D.	A.M.
Nelson-	2.5	Kalgoorlie—	A.M.	Ferguson, W.	M.
Davids, S. W.	M.	Crocker, C. E.	A.M.	Hursthouse, E. W.	A.M. M.
Rockhampton-	G	Northam— Hemingway, A.	A.M.	Lawrie, P. S. Richardson, C. E.	M.
Allan, C. J.	G.	Liouing way, A.	AR-HE.	211020120002000000000000000000000000000	

EUROPE.

AUSTRIA-		Strassburg, Alsac Berthiez, C.	е- М.	Charkow- Blakey, C.	M.
Pritehard, L. H.	M.	Wernigerode-	A.M.	Elizabethgrad-	
Vienna-	3.5	Kremnitz, H.	A.III.	Larter, W. L.	G.
Blakey, R. C. Hardy, J. G.	M. M.	GIBRALTAR-		Lodz-	
Hardy, W. E.	M.	Jacobs, Lieut. J. J.	J. M.	Rateliffe, J. T.	M.
		Laidler, C. R.	G.	Wallean	
BELGIUM-		Marrian, A. E. Naylor, T. L.	A.M. G.	Maikop— McCallum, E. A.	A.M.
Antwerp-		Phillips, Capt. F.	H.	Managem	
Béliard, H. J. P.	M.		A.M.	Moscow— Boardman, J.	M
		GREECE-		Charnock, H. H.	M. A.M.
Brussels-	3.6	Atalanta—		Cox, M.	A.M.
Bollinckx, A. Coppée, E.	M. M.	Underhill, R. S.	M.	Dixon, W. F.	M.
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Mathot, R.	M.	Piraeus—	3.0	Hopper, J. R. Urmston, P.	M. M.
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Selby, M.	M.	HOLLAND		Narva—	
Severn, W. H.	M.	HOLLAND-		Goldarbeiter, J. L.	A.M.
Gand-		Flushing—		0-11	
Heynssens, J.	G.	Martin, W. H.	M.	Schlüsselburg-	1 75
		Rotterdam-		Gibson, E. M.	A.M.
Liége-		Wilton, B.	M.	Serpoukhoff-	
Timmermans, F.	M.	Wilton, J. D.	A.M.	Charnock, C. J.	A.M.
		Wilton, W.	A.M.	0.00	Aladik.
FRANCE-		m. v.		St. Petersburg-	
		The Hague	3.5	Berry, H.	A.M.
Chatou- D'Albert, C.	M.	Kapteyn, A.	M.	Berry, H. Buckley, V. E.	M.
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Neuilly-sur-Seine-		ITALY—		Szymanowski, K.	A.M.
Ryan, J.	A.M.	Castellamare di S	Sta-		
		bia— Albanese, E. S.	A.M.	Tver-	
Paris-		2210411050, 22. 53.	A.M.	Chandler, F. A.	A.M.
Atkinson, J. S.	G.	Milan-		Wones	
Bourdon F F	M. M.	Frost, H. M.	A.M.	Warsaw— Okolski, S. J.	M.
Bourdon, F. E. Dowlen, W. E.	A.	Haan, P. de Nathan, A.	G.	O201321, D. 9.	MI.
Fry. L. H.	M.	Rümmele, A.	M. G.		
Hanning, W.	A.M.		٥.	SPAIN-	
Hawkins, E. F. Hutchins, W. J.	A.M.	Parma-		Aguilas-	
Janson, R.	M. A.M.	Ponsonby, G. E.	G.	Browne, S. O.	M.
Kitchin, J. W.	A.M.	Turin-		Alcaracejos-	
Marië, G.	M.	Rieter, E. H.	A.M.	West, W. P.	A.M.
Menier, H.	M.				
Molinos, L. Rateau, Prof. A.	M. M.	MALTA-		Almeria—	
Ronceray, E.	M.	Lewis-Dale, H. A.	A.M.	Hamilton, A., Jun.	A.M
Roux, P. L.	A.M.			Actillone	
Sauvage, Prof. E.	М.	PORTUGAL-		Astillero— Beirne, S. A.	A.M.
51		Lisbon-		Kensington, J. C.	A.M.
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Malan, E. de M.	M.	Camargo, J. A. da	R. A.M.	Bilbao-	
	М.			Bilbao- Layton, H. E.	M.
GERMANY—	M.	Camargo, J. A. da Fish, S. R.	A.M.	Layton, H. E.	М.
GERMANY— Berlin—		Camargo, J. A. da Fish, S. R. RUSSIA—	A.M.	Layton, H. E. Cartagena—	
GERMANY— Berlin— Friedrichs, F. W.	A.M.	Camargo, J. A. da Fish, S. R. RUSSIA— Baku—	A.M. M.	Layton, H. E.	M.
GERMANY— Berlin—		Camargo, J. A. da Fish, S. R. RUSSIA— Baku— Imbell, A. F.	A.M. A.M.	Layton, H. E. Cartagena—	
GERMANY— Berlin— Friedrichs, F. W. Haberland, R. W.	A.M.	Camargo, J. A. da Fish, S. R. RUSSIA— Baku— Dabell, A. F. Rappoport, F. G.	A.M. M.	Layton, H. E. Cartagena— Browne, R. H. Huelva— Bennie, P.	A.M.
GERMANY— Berlin— Friedrichs, F. W. Haberland, R. W.	A.M.	Camargo, J. A. da Fish, S. R. RUSSIA— Baku— Imbell, A. F.	A.M. A.M.	Layton, H. E. Cartagena— Browne, R. H. Huelva—	A.M.

Madrid-		Stockholm-		TURKEY—
Aramburu y Silva, Cowlrick, F. G.	F. M. A.M.	Wadham, R.	A.M.	Constantinople—
Malpas, A. E.	A.M.	SWITZERLAND-		Ahmed Pasha, Vice-
Phillips, E. G.	A.M.	Neuchatel-		Admiral M. Khalil, LtComm. L.
SWEDEN-		Walker, R. H.	A.M.	A.M.
		Winterthur-	a	Seifeddin, H.R.H. Prince
Eskilstuna—	3.0	Leigh, J. M. R.	G.	A.
Betts, S.	M.	Sulzer, J.	M.	Sirri, Major M. M.

THE INSTITUTION OF MECHANICAL ENGINEERS.

Memorandum of Association.

AUGUST 1878.

1st. The name of the Association is "The Institution of Mechanical Engineers."

2nd. The Registered Office of the Association will be situate in England.

3rd. The objects for which the Association is established are:-

- (A.) To promote the science and practice of Mechanical Engineering and all branches of mechanical construction, and to give an impulse to inventions likely to be useful to the Members of the Institution and to the community at large.
- (B.) To enable Mechanical Engineers to meet and to correspond, and to facilitate the interchange of ideas respecting improvements in the various branches of mechanical science, and the publication and communication of information on such subjects.
- (c.) To acquire and dispose of property for the purposes aforesaid.
- (D.) To do all other things incidental or conducive to the attainment of the above objects or any of them.

4th. The income and property of the Association, from whatever source derived, shall be applied solely towards the promotion of the objects of the Association as set forth in this Memorandum of Association, and no portion thereof shall be paid or transferred directly or indirectly, by way of dividend, bonus, or otherwise howsoever, by way of profit to the persons who at any time are or have been Members of the Association, or to any of them, or to any person claiming through any of them: Provided that nothing herein contained shall prevent the payment in good faith of remuneration to any officers or servants of the Association, or to any Member of the Association, or other person, in return for any services rendered to the Association, or prevent the giving of privileges to the Members of the Association in attending the meetings of the Association, or prevent the borrowing of money (under such powers as the Association and the Council thereof may possess) from any Member of the Association, at a rate of interest not greater than five per cent. per annum.

5th. The fourth paragraph of this Memorandum is a condition on which a licence is granted by the Board of Trade to the Association in pursuance of Section 23 of the Companies Act 1867. For the purpose of preventing any evasion of the terms of the said fourth paragraph, the Board of Trade may from time to time, on the application of any Member of the Association, impose further conditions, which shall be duly observed by the Association.

6th. If the Association act in contravention of the fourth paragraph of this Memorandum, or of any such further conditions, the liability of every Member of the Council shall be unlimited; and the liability of every Member of the Association who has received any such dividend, bonus, or other profit as aforesaid, shall likewise be unlimited.

7th. Every Member of the Association undertakes to contribute to the Assets of the Association in the event of the same being wound up during the time that he is a Member, or within one year afterwards, for payment of the debts and liabilities of the Association contracted before the time at which he ceases to be a Member, and of the costs, charges, and expenses for winding up the same, and for the adjustment of the rights of the contributories amongst themselves, such amount as may be required not exceeding Five Shillings, or in case of his liability becoming unlimited such other amount as may be required in pursuance of the last preceding paragraph of this Memorandum.

8th. If upon the winding up or dissolution of the Association there remains, after the satisfaction of all its debts and liabilities, any property whatsoever, the same shall not be paid to or distributed among the Members of the Association, but shall be given or transferred to some other Institution or Institutions having objects similar to the objects of the Association, to be determined by the Members of the Association at or before the time of dissolution; or in default thereof, by such Judge of the High Court of Justice as may have or acquire jurisdiction in the matter.

Articles of Association.

FEBRUARY 1893.

(Article 23 revised March 1902.)

INTRODUCTION.

Whereas an Association called "The Institution of Mechanical Engineers" existed from 1847 to 1878 for objects similar to the objects expressed in the Memorandum of Association of the Association (hereinafter called "the Institution") to which these Articles apply;

And whereas the Institution was formed in 1878 for furthering and extending the objects of the former Institution, by a registered Association, under the Companies Acts 1862 and 1867;

And whereas terms used in these Articles are intended to have the same respective meanings as they have when used in those Acts, and words implying the singular number are intended to include the plural number, and *vice versâ*;

Now therefore it is hereby agreed as follows:-

CONSTITUTION.

1. For the purpose of registration the number of members of the Institution is unlimited.

MEMBERS, ASSOCIATE MEMBERS, GRADUATES, ASSOCIATES, AND HONORARY LIFE MEMBERS.

2. The present Members of the Institution, and such other persons as shall be admitted in accordance with these Articles, and none others, shall be Members of the Institution, and be entered on the register as such.

- 3. Any person may become a Member of the Institution who shall be qualified and elected as hereinafter mentioned, and shall agree to become such Member, and shall pay the entrance fee and first subscription accordingly.
- 4. The qualification of Members shall be prescribed by the By-laws from time to time in force, as provided by the Articles.
- 5. The election of Members shall be conducted as prescribed by the By-laws from time to time in force, as provided by the Articles.
- 6. In addition to the persons already admitted as Graduates, Associates, and Honorary Life Members respectively, the Institution may admit such persons as may be qualified and elected in that behalf as Associate Members, Graduates, Associates, and Honorary Life Members respectively of the Institution, and may confer upon them such privileges as shall be prescribed by the By-laws from time to time in force, as provided by the Articles: provided that no Associate Member, Graduate, Associate, or Honorary Life Member shall be deemed to be a Member within the meaning of the Articles.
- 7. The qualification and mode of election of Associate Members, Graduates, Associates, and Honorary Life Members shall be prescribed by the By-laws from time to time in force, as provided by the Articles.
- 8. The rights and privileges of every Member, Associate Member, Graduate, Associate, or Honorary Life Member shall be personal to himself, and shall not be transferable or transmissible by his own act or by operation of law.

ENTRANCE FEES AND SUBSCRIPTIONS.

9. The Entrance Fees and Subscriptions of Members, Associate Members, Graduates, and Associates shall be prescribed by the Bylaws from time to time in force, as provided by the Articles.

EXPULSION.

- 10. If any Member, Associate Member, Graduate, or Associate shall leave his subscription in arrear for two years, and shall fail to pay such arrears within three months after a written application has been sent to him by the Secretary, his name may be struck off the register by the Council at any time afterwards, and he shall thereupon cease to have any rights as a Member, Associate Member, Graduate, or Associate, but he shall nevertheless continue liable to pay the arrears of subscription due at the time of his name being so struck off: provided always that this regulation shall not be construed to compel the Council to remove any name, if they shall be satisfied the same ought to be retained.
- 11. The Council may refuse to continue to receive the subscriptions of any person who shall have wilfully acted in contravention of the regulations of the Institution, or who shall in the opinion of the Council have been guilty of such conduct as shall have rendered him unfit to continue to belong to the Institution; and may remove his name from the register, and he shall thereupon cease to be a Member, Associate Member, Graduate, or Associate (as the case may be) of the Institution.

GENERAL MEETINGS.

- 12. The General Meetings shall consist of the Ordinary Meetings, the Annual General Meeting, and of Special Meetings as hereinafter defined.
- 13. The Annual General Meeting shall take place in London in one of the first four months of every year. The Ordinary Meetings shall take place at such times and places as the Council shall determine.
- 14. A Special Meeting may be convened at any time by the Council, and shall be convened by them whenever a requisition signed by twenty Members or Associate Members of the Institution,

specifying the object of the Meeting, is left with the Secretary. If for fourteen days after the delivery of such requisition a Meeting be not convened in accordance therewith, the Requisitionists or any twenty Members or Associate Members of the Institution may convene a Special Meeting in accordance with the requisition. All Special Meetings shall be held in London.

- 15. Seven clear days' notice of every Meeting, specifying generally the nature of any special business to be transacted at any Meeting, shall be given to every person on the register of the Institution, except as provided by Article 35, and no other special business shall be transacted at such Meeting; but the non-receipt of such notice shall not invalidate the proceedings of such Meeting. No notice of the business to be transacted (other than such ballot lists as may be requisite in case of elections) shall be required in the absence of special business.
- 16. Special business shall include all business for transaction at a Special Meeting, and all business for transaction at every other Meeting, with the exception of the reading and confirmation of the Minutes of the previous Meeting, the election of Members, Associate Members, Graduates, and Associates, and the reading and discussion of communications as prescribed by the By-laws, or by any regulations of the Council made in accordance with the By-laws.

PROCEEDINGS AT GENERAL MEETINGS.

- 17. Twenty Members or Associate Members shall constitute a quorum for the purpose of a Meeting other than a Special Meeting. Thirty Members or Associate Members shall constitute a quorum for the purpose of a Special Meeting.
- 18. If within thirty minutes after the time fixed for holding the Meeting a quorum is not present, the Meeting shall be dissolved, and all matters which might, if a quorum had been present, have been done at a Meeting (other than a Special Meeting) so dissolved, may forthwith be done on behalf of the Meeting by the Council.

- 19. The President shall be Chairman at every Meeting, and in his absence one of the Vice-Presidents; and in the absence of all Vice-Presidents a Member of Council shall take the chair; and if no Member of Council be present and willing to take the chair, the Meeting shall elect a Chairman.
- 20. The decision of a General Meeting shall be ascertained by show of hands, unless, after the show of hands, a poll is forthwith demanded; and by a poll, when a poll is thus demanded. The manner of taking a show of hands or a poll shall be in the discretion of the Chairman; and an entry in the Minutes, signed by the Chairman, shall be sufficient evidence of the decision of the General Meeting. Each Member and Associate Member shall have one vote and no more. In case of equality of votes the Chairman shall have a second or casting vote: provided that this Article shall not interfere with the provisions of the By-laws as to election by ballot.
- 21. The acceptance or rejection of votes by the Chairman shall be conclusive for the purpose of the decision of the matter in respect of which the votes are tendered: provided that the Chairman may review his decision at the same Meeting, if any error be then pointed out to him.

BY-LAWS.

22. The By-laws set forth in the schedule to these Articles, and such altered and additional By-laws as shall be substituted or added as hereinafter mentioned, shall regulate all matters by the Articles left to be prescribed by the By-laws and all matters which consistently with the Articles shall be made the subject of By-laws. Alterations in, and additions to, the By-laws, may be made only by resolution of the Members and Associate Members at an Annual General Meeting, after notice of the proposed alteration or addition has been announced at the previous Ordinary Meeting, and not otherwise.

COUNCIL.

- 23. The Council of the Institution shall be chosen from the Members only, and shall consist of one President, six Vice-Presidents, twenty-one ordinary Members of Council, and of the Past-Presidents. The President, two Vice-Presidents, and seven Members of Council (other than Past-Presidents), shall retire at each Annual General Meeting, but shall be eligible for re-election. The Vice-Presidents and Members of Council to retire each year shall, unless the Council agree otherwise among themselves, be chosen from those who have been longest in office, and in cases of equal seniority shall be determined by ballot.
- 24. The election of a President, Vice-Presidents, and Members of Council, to supply the place of those retiring at the Annual General Meeting, shall be conducted in such manner as shall be prescribed by the By-laws from time to time in force, as provided by the Articles.
- 25. The Council may supply any casual vacancy in the Council (including any casual vacancy in the office of President) which shall occur between one Annual General Meeting and another; and the President, Vice-Presidents, or Members of Council so appointed by the Council shall retire at the succeeding Annual General Meeting. Vacancies not filled up at any such Meeting shall be deemed to be casual vacancies within the meaning of this Article.

OFFICERS.

- 26. The Treasurer, Secretary, and other employés of the Institution shall be appointed and removed in the manner prescribed by the By-laws from time to time in force, as provided by the Articles. Subject to the express provisions of the By-laws, the officers and servants of the Institution shall be appointed and removed by the Council.
- 27. The powers and duties of the officers of the Institution shall, subject to any express provision in the By-laws, be determined by the Council.

POWERS AND PROCEDURE OF COUNCIL.

- 28. The Council may regulate their own procedure, and delegate any of their powers and discretions to any one or more of their body, and may determine their own quorum: if no other number is prescribed, three members of Council shall form a quorum.
- 29. The Council shall manage the property, proceedings, and affairs of the Institution, in accordance with the By-laws from time to time in force.
- 30. The Treasurer may, with the consent of the Council, invest in the name of the Institution any moneys not immediately required for the purposes of the Institution in or upon any of the following investments (that is to say):—
 - (A) The Public Funds, or Government Stocks of the United Kingdom, or of any Foreign or Colonial Government guaranteed by the Government of the United Kingdom.
 - (B) Real or Leasehold Securities, or in the purchase of real or leasehold properties in Great Britain or Ireland.
 - (c) Debentures, Debenture Stock, or Guaranteed or Preference Stock, of any Company incorporated by special Act of Parliament, the ordinary Shareholders whereof shall at the time of such investment be in actual receipt of halfyearly or yearly dividends.
 - (D) Stocks, Shares, Debentures, or Debenture Stock of any Railway, Canal, or other Company, the undertaking whereof is leased to any Railway Company at a fixed or fixed minimum rent.
 - (E) Stocks, Shares, or Debentures of any East Indian Railway or other Company, which shall receive a contribution from His Majesty's East Indian Government of a fixed annual percentage on their capital, or be guaranteed a fixed annual dividend by the same Government.

- (r) The security of rates levied by any corporate body empowered to borrow money on the security of rates, where such borrowing has been duly authorised by Act of Parliament.
- 31. The Council may, with the authority of a resolution of the Members and Associate Members in General Meeting, borrow moneys for the purposes of the Institution on the security of the property of the Institution, or otherwise at their discretion.
- 32. No act done by the Council, whether ultra vires or not, which shall receive the express or implied sanction of the Members and Associate Members in General Meeting, shall be afterwards impeached by any member of the Institution on any ground whatsoever, but shall be deemed to be an act of the Institution.

NOTICES.

- 33. A notice may be served by the Council upon any Member, Associate Member, Graduate, Associate, or Honorary Life Member, either personally or by sending it through the post in a prepaid letter addressed to him at his registered place of abode.
- 34. Any notice, if served by post, shall be deemed to have been served at the time when the letter containing the same would be delivered in the ordinary course of the post; and in proving such service it shall be sufficient to prove that the letter containing the notice was properly addressed and put into the post office.
- 35. No Member, Associate Member, Graduate, Associate, or Honorary Life Member, not having a registered address within the United Kingdom, shall be entitled to any notice; and all proceedings may be had and taken without notice to such member, in the same manner as if he had had due notice.

By-laws.

(Last Revision, February 1907.)

MEMBERS.

- 1. No Candidate shall be elected a Member, or be transferred into the class of Members, unless he is at least 30 years of age, and has produced evidence, to the satisfaction of the Council, either
 - I. That he-
 - (a) Has received a good general and scientific education;
 - (b) Has been regularly trained as a Mechanical Engineer; and
 - (c) Has been engaged for a sufficient period in an important position of independent responsibility in the direction of engineering work:
- Or II. That he-
 - (d) Has received a thorough scientific education;
 - (e) Has had sufficient practical experience as a Mechanical Engineer; and
 - (f) Has for a sufficient period held an important position of independent responsibility in connection with engineering work:
- Or III. That he-
 - (g) Has attained to a position of such eminence in the profession, or in the direction of engineering work, as to qualify him, in the opinion of the Council, for the distinction of Membership.

ASSOCIATE MEMBERS.

2. No Candidate shall be elected an Associate Member unless he is at least 25 years of age, and has produced evidence, to the satisfaction of the Council, either

I. That he-

- (a) Has received a good general education;
- (b) Has been regularly trained as a Mechanical Engineer; and
- (c) Has had subsequent employment for at least one year in a responsible position in the direction or design of engineering work, and is actually so engaged at the time of his application for Election:

Or II. That he-

- (d) Has received a good general and scientific education;
- (e) Has had sufficient practical experience as a Mechanical Engineer; and
- (f) Has had subsequent employment for at least one year in a responsible position in the direction or design of engineering work, and is actually so engaged at the time of his application for Election.

GRADUATES.

3. Graduates shall be persons not under 18 years of age, who shall satisfy the Council that they have received a good general education, and have received, or are receiving, regular training as Mechanical Engineers, and that they have received, or intend to obtain, sufficient practical and scientific training to fit them for employment in responsible positions as Mechanical Engineers. No person shall be elected a Graduate after the age of 25 years.

Graduates may not continue as such if they cease to follow the profession of Engineering, nor in any case beyond the age of 28 years.

ASSOCIATES.

4. Associates shall be persons of at least 30 years of age, who not being Mechanical Engineers by profession, yet by reason of their attainments in science, or in any of the arts allied to, or having interests in common with, Engineering, may be deemed by the Council to be worthy of the distinction of Associateship.

TRANSFERENCE.

5. At the discretion of the Council properly qualified Associate Members may on application be transferred to the class of Members, and properly qualified Associates may be transferred to the classes of Associate Members or Members.

HONORARY LIFE MEMBERS.

6. The Council shall have the power to nominate as Honorary Life Members persons of eminent scientific attainments.

PRIVILEGES OF MEMBERSHIP.

- 7. The Members, Associate Members, Graduates, Associates, and Honorary Life Members shall have notice of, and the privilege to attend, all Meetings; but Members and Associate Members only shall be entitled to vote thereat.
- 8. The abbreviated distinctive Titles for indicating the connection with the Institution, of Members, Associate Members, Graduates, Associates, or Honorary Life Members thereof, shall be the following:—for Members, M. I. Mech. E.; for Associate Members, A. M. I. Mech. E.; for Graduates, G. I. Mech. E.; for Associates, A. I. Mech. E.; for Honorary Life Members, Hon. M. I. Mech. E.

9. Subject to such regulations as the Council may from time to time prescribe, any Member, Associate Member, or Associate may upon application to the Secretary obtain a Certificate of his membership or other connection with the Institution. Every such certificate shall remain the property of, and shall on demand be returned to, the Institution.

ENTRANCE FEES AND SUBSCRIPTIONS.

- 10. Each Member shall pay an Annual Subscription of £3, and on election an Entrance Fee of £2.
- 11. Each Associate Member shall pay an Annual Subscription of £2 10s., and on election an Entrance Fee of £1. If afterwards transferred by the Council to the class of Members, he shall pay on transference 10s. additional Subscription for the current year, and £1 additional Entrance Fee.
- 12. Each Graduate shall pay an Annual Subscription of £1 10s., but no Entrance Fee.
- 13. Each Associate shall pay an Annual Subscription of £2 10s., and on election an Entrance Fee of £1. If afterwards transferred by the Council to the class of Associate Members, he shall pay on transference no additional Subscription or Entrance Fee. If transferred direct to the class of Members, he shall pay on transference 10s. additional Subscription for the current year, and £1 additional Entrance Fee.
- 14. All Subscriptions shall be payable in advance, and shall become due on the 1st day of January in each year; and the first Subscription of each Member, Associate Member, Graduate, and Associate, shall date from the 1st day of January in the year of his election, and shall, except in the cases provided for by By-law 15, entitle him to the Proceedings published during that year.

- 15. In the case of each Member, Associate Member, Graduate, or Associate, elected in the last three months of any year, the first Subscription shall cover both the year of Election and the succeeding year, but shall only entitle the person elected to the Proceedings published after his Election.
- 16. Any Member, Associate Member, or Associate, whose Subscription is not in arrear, may at any time compound for his Subscription for the current and all future years by the payment of Fifty Pounds, if paid in any one of the first five years of his membership. If paid subsequently, the sum of Fifty Pounds shall be reduced by One Pound per annum for every year of membership after five years. All compositions shall be deemed to be capital moneys of the Institution.
- 17. No Proceedings or Ballot Lists or Certificates shall be sent to Members, Associate Members, Graduates, or Associates, who are in arrear with their Subscriptions more than twelve months, and whose Subscriptions have not been remitted by the Council as hereinafter provided. (By-law 18.)
- 18. The Council may at their discretion reduce or remit the Annual Subscription, or the arrears of Annual Subscription, of any Member or Associate Member who shall have been a subscribing member of the Institution for twenty years, and shall have become unable to continue the Annual Subscription provided by these By-laws.

ELECTION OF MEMBERS, ASSOCIATE MEMBERS, GRADUATES, AND ASSOCIATES.

19. Every recommendation for Election shall be in accordance with Form A or Form B in the Appendix, and shall be forwarded to the Secretary, who shall lay it before the Council. The Form A must be signed by the Candidate and by not less than five Members or Associate Members, and the Form B by the Candidate and by not less than three Members or Associate Members.

- 20. All Elections shall take place by Ballot of the Members and Associate Members, four-fifths of the votes given being necessary for Election.
- 21. Every recommendation for Election shall be considered by the Council. The Ballot Lists shall contain only such names in each class as are approved by the Council for Election. Each List of approved Candidates shall be signed by the Chairman of the Council Meeting authorising its issue. The Ballot Lists shall be classified, and shall specify the name, occupation and address of each Candidate, and the names of his Proposer and Seconder; they shall be sent to Members and Associate Members only, and shall be opened by, or in the presence of, a Committee appointed for that purpose by the Council. The Committee shall report the result of the Ballot to the Council.
- 22. The result of each Ballot shall be declared at the next General Meeting.
- 23. When a Candidate is elected, the Secretary shall give him notice thereof according to Forms D or E in the Appendix; but his name shall not be added to the register of the Institution until he shall have paid his Entrance Fee and first Annual Subscription.
- 24. In case of non-Election, no mention thereof shall be made in the Minutes, nor any notice given to the unsuccessful Candidate.
- 25. An Associate Member desirous of being transferred to the class of Members, or an Associate to the class of Associate Members, or to that of Members, shall forward to the Secretary a recommendation according to Form C in the Appendix, signed by not less than five Members or Associate Members, which shall be laid before the Council. On their approval being given, the Secretary shall notify the same to the Candidate according to Form F; but his name shall not be added to the list of Members or Associate Members until he shall have paid the additional Entrance Fee (if any), and the additional Subscription (if any) for the current year.

ELECTION OF PRESIDENT, VICE-PRESIDENTS, AND MEMBERS OF COUNCIL.

26. At the General Meeting preceding the Annual General Meeting, the Council are to present a list of Members nominated by them. Any Member or Associate Member shall then be entitled to add to the list of Candidates. A Ballot List of the proposed names shall be forwarded to each Member and Associate Member. The Ballot Lists shall be opened only on the day of the Annual General Meeting, in the presence of the Council, by a Committee appointed for that purpose.

APPOINTMENT AND DUTIES OF OFFICERS.

- 27. The Treasurer shall be a Banker, and shall hold the uninvested funds of the Institution, except the moneys in the hands of the Secretary for current expenses. He shall be appointed, on the recommendation of the Council, by the Members and Associate Members at a General or Special Meeting, and shall hold office at the pleasure of the Council.
- 28. The Secretary of the Institution shall be appointed, on the recommendation of the Council, as and when a vacancy occurs, by the Members and Associate Members at a General or Special Meeting, and shall be removable by the Council upon six months' notice from any day. The Secretary shall give the same notice. The Secretary shall devote the whole of his time to the work of the Institution, and shall not engage in any other business or profession.
- 29. It shall be the duty of the Secretary, under the direction of the Council, to conduct the correspondence of the Institution; to attend all meetings of the Institution, and of the Council, and of Committees; to take minutes of the proceedings of such meetings; to read the minutes of the preceding meetings, and all communications

that he may be ordered to read; to superintend the publication of such Papers as the Council may direct; to have the charge of the Institution building and library; to direct the collection of the Subscriptions, and the preparation of the account of expenditure of the funds; and to present all accounts to the Council for inspection and approval. He shall also engage (subject to the approval of the Council), and be responsible for, all persons employed under him, and set them their portions of work and duties. He shall conduct the ordinary business of the Institution, in accordance with the Articles and By-laws and the directions of the President and Council; and shall refer to the President in any matters of difficulty or importance, requiring immediate decision.

30. The Auditor shall be a Fellow of the Institute of Chartered Accountants, and shall be appointed annually by the Members and Associate Members at a General or a Special Meeting, at a remuneration to be then fixed by the Members and Associate Members. The yearly Accounts, after being duly audited, shall be presented by the Council to the Annual General Meeting.

MEETINGS.

- 31. Every Paper shall be submitted to the Council for approval, and after approval shall be read at a General Meeting, or shall be printed in the Proceedings without having been read at a General Meeting, as may be directed by the Council.
- 32. The proceedings at the General Meetings shall, as far as practicable, conform to the following order:—
 - 1st. The Chair shall be taken at such hour as the Council may direct.
 - 2nd. The Minutes of the previous Meeting shall be read by the Secretary, and, after being approved as correct, shall be signed by the Chairman.

- 3rd. The result of the examination of the Ballot Lists shall be declared to the Meeting, and the names of the Members, Associate Members, Graduates, and Associates elected shall be announced. Any Transferences made by the Council since the last Meeting shall also be announced.
- 4th. Papers approved by the Council shall be read by the Secretary, or by the Author, as may be directed by the Council.
- 33. Each Member or Associate Member shall have the privilege of introducing one friend to any of the General Meetings; but, during such portion of any Meeting as may be devoted to any business connected with the management of the Institution, visitors shall be requested by the Chairman to withdraw, if any Member or Associate Member asks that this shall be done.
- 34. Every Member, Associate Member, Graduate, Associate, or Visitor, shall write his name and residence in a book to be kept for the purpose, on entering each Meeting.
- 35. The discussion upon any Paper may be adjourned at the discretion of the Chairman.
- 36. Seven clear days' notice at least shall be given of every meeting of the Council. Such notice shall specify generally the business to be transacted by the meeting. No business involving the expenditure of the funds of the Institution (except by way of payment of current salaries and accounts) shall be transacted at any Council meeting unless specified in the notice convening the meeting.

MISCELLANEOUS.

- 37. The President shall ex officio be a member of all Committees of the Council.
- 38. All Communications to the Institution, unless declined, shall be the property of the Institution, and shall be published only by the authority of the Council.)

- 39. None of the property of the Institution shall be taken out of the premises of the Institution without the consent of the Council.
- 40. All Donations to the Institution shall be enumerated in the Annual Report of the Council presented to the Annual General Meeting.
- 41. Advance copies of Papers to be read at the Meetings may be sent to members on application to the Secretary.
- 42. All Books, Drawings, Communications, etc., shall be accessible to the members of the Institution at all reasonable times.
- 43. Graduates and Associates elected prior to 1893 shall, notwithstanding anything in these By-laws contained, retain the privileges set out in the By-laws as revised in January 1890.

APPENDIX.

FORM A.

(PROPOSAL AS MEMBER, ASSOCIATE MEMBER, OR ASSOCIATE.)
Name in full
Designation or Occupation
Business Address
beingyears of age, and desirous of admission into The Institution of Mechanical Engineers, we, the undersigned proposer and seconder from our personal knowledge, and (at least) three other supporters, propose and recommend him as a proper person to belong to the Institution. Witness our hands, thisday of
Five Members' or Associate Members' Signatures are required.
Proposed from personal knowledge by Seconded from personal knowledge by Supported from personal knowledge by Supported from trustworthy information by

Those who sign this Form are desired to append their initials to the portions of the statement of which they have personal knowledge.

ENGAGEMENT.

I, the undersigned, do hereby agree that, in the event of my election as Member, Associate Member, or Associate, I will be governed by the regulations of The Institution of Mechanical Engineers as they are now formed or as they may hereafter be altered; that I will advance the objects of the Institution as far as shall be in my power, and will attend the Meetings thereof as often as I conveniently can: provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from the Institution, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.

Signature of Candidate......

	* Initials of Supporters.
Date and Place of Birth	
General Education (with dates)	*****
Technical Education (with dates, subjects taken, and successes gained)	••••
Apprenticeship (with dates, and particulars of training received)	i
Subsequent Career (with dates, and positions held)	6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Brief Details of most important Mechanical Engineering work for which Candidate has been personally responsible	
Membership in other Societies	
Signature of Candidate	

^{*} Members supporting this proposal are requested to place their initials against those particulars of the Candidate's career of which they have personal knowledge.

FORM B.

(PROPOSAL AS GRADUATE.)

Name in full
Designation or Occupation
Business Address
Address for communications
beingyears of age, and desirous of becoming a Graduate of The Institution of Mechanical Engineers, we, the undersigned proposer and seconder from our personal knowledge, and the other signer or signers from trustworthy information, propose and recommend him as a proper person to become a Graduate thereof. Witness our hands, thisday of
Three Members' or Associate Members' Signatures are required.
Proposed from personal knowledge by
Seconded from personal knowledge by
Supported by
Date and Place of Birth
General Education (with dates)
Technical Education (with dates, subjects taken, and successes gained)
••••••••••••••••••••••••••••••••••••••
Apprenticeship (with dates, and particulars of training received)
Subsequent Career (with dates, and positions held)

Signature of Candidate
I, the undersigned, do hereby agree that in the event of my election I will be governed during my Graduateship by the regulations of The Institution of Mechanical Engineers, as they are now formed or as they may hereafter be altered: provided that, whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from the Institution, I shall (after the payment of any arrears which may be due by me at that period) be free from this obligation.
Signature of Candidate

FORM C.

(PROPOSAL FOR TRANSFERENCE.)

Name in full
Designation or Occupation
Business Address
beingyears of age, and desirous of being transferred into the class
of of The Institution of Mechanical Engineers, we, the
undersigned, from our personal knowledge, recommend him as a proper
person to be so transferred by the Council. Witness our hands, thisday of
Five Members' or Associate Members' Signatures are required, from
personal knowledge.
(Members of the Council do not sign this form.)
Proposed by
2
Seconded by
Those who sign this Form are desired to append their initials to the portions of the statement of which they have personal knowledge.
* Initials of
Supporters.
Qualifications (since joining the Institution)
Signature of Candidate

* Members supporting this proposal are requested to place their initials against those particulars of the Candidate's career of which they have personal knowledge.

FORM D.

I am, Sir, Your obedient servant,

Secretary.

FORM E.

> I am, Sir, Your obedient servant, Secretary.

FORM F.

> I am, Sir, Your obedient servant, Secretary.





